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UNIVERSITY OF ALBERTA

folio

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Cobalt king remembers U of A with \$3.5 million

Largest private donation for undergraduate scholarships in U of A's history

By Geoff McMaster

On a quiet, nondescript morning last August, development officer Brian Shea received a phone call that made his jaw drop.

"Can you repeat that number please?" he asked the Victoria, B.C. trust officer no less than three times. To his considerable surprise, one Gladys May Young had died, leaving the University of Alberta a staggering \$3.5 million for undergraduate student scholarships. There were no further restrictions attached to the bequest, only that the money help students who need it.

It was like manna from heaven. And according to Ron Chilibeck, director of Student Awards, it's the largest private gift for undergraduate scholarships in the university's history.

What made the bequest all the more intriguing was no one here had ever heard of Gladys Young, who died last July at the age of 89. University databases turned up nothing. After a little more digging, however, Shea discovered she was the wife of Portage La Prairie native and U of A alumnus Dr. Roland Young (B.Sc. 1928, M.Sc. 1930), considered at one time the world's leading expert on the chemical properties of cobalt. Although Young never returned to Alberta after graduating from the U of A, it was his dying wish in 1988 that the bulk of his estate support future generations at his alma mater. Gladys Young (who preferred to be called Marion) honored that request.

From her home in East Sussex, England, Susan Slade, Marion's niece, said despite being ignored in her aunt's will because of a falling out between her mother and Marion in the '60s, she was



Gladys (Marion) May Young honored her husband Dr. Roland Young's wish to bequeath the U of A \$3.5 million in scholarship funds.

nonetheless "delighted" to hear about the gift. "I know that's what my uncle would have wanted," she said.

After receiving his doctorate from Cornell University in 1934, Young worked for a time at the Inco Mines in Sudbury, Ont., then moved to Africa where he served as a head chemist in the copper belt of what is now northern Zimbabwe. Soon after, he moved to Johannesburg, South Africa to take up a post as head of the Diamond Research Laboratory.

Marion, meanwhile, had grown up in

England, the daughter of a sergeant major in the British cavalry. While she lacked the benefits of station and higher education, serving an apprenticeship as a dressmaker in her teens, she nonetheless became "an English gentlewoman and a classy lady," said Marion's lawyer and friend, Laurence Johnson.

Marion was a stunningly beautiful woman and a well-known poster girl in England in the '30s, according to Johnson. By the late '40s she was in the process of divorcing her second husband (the first

died years before of typhoid fever after eating bad oysters), when a friend invited her to start a new life in South Africa. She accepted and was soon introduced to Young, no doubt one of the most eligible bachelors in Johannesburg.

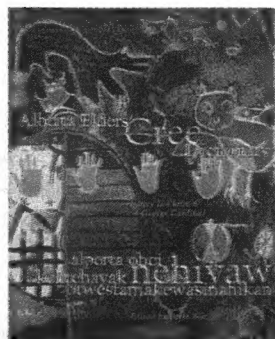
"My uncle had never been seriously involved with a lady before," said Slade. "I think he just got bowled over by her."

After a whirlwind romance, the two were married in 1949, but not before Young picked out a 2.5 carat blue diamond for Marion from the finest stones De Beers had to offer. The two were steadfastly devoted to each other for the remainder of their 39-year marriage.

The Youngs returned to Canada in the early '50s and the childless couple moved to Victoria where Young worked for the B.C. government's Ministry of Energy and Mines. In 1972, the Youngs spent a year in Amman, Jordan, where Roland worked for the UN as a resident consultant helping to set up the first chemical analysis facility for the government. When he returned to Canada, he spent the rest of his career writing and consulting on chemical issues.

"He was Mr. Cobalt," said Johnson. "If you wanted to know about it, he was the man to call. Everything from medicinal purposes to using it for a dye agent – all the properties."

After Roland died in 1988, aged 82, Marion became a recluse, afraid people would only take an interest in her for her money, says Deanna Chee, who helped care for Marion in the final days of her life. But for those who knew her, "she was an absolutely beautiful, striking woman, and a very sweet, dear lady," says Chee. "She struck a chord in my heart."



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President defends Parkland Institute

Freedom of expression applies on and off campus

By Geoff McMaster

President Rod Fraser continued to defend free speech this week after the Parkland Institute came under attack from Premier Ralph Klein.

At the Kaplan Awards Tuesday, Fraser said the university was committed to encouraging debate on critical and controversial problems. "The work and success of our Kaplan laureates seem to underscore the value to our society of work pursued in which individuals dare to take on the big challenges, dare to ask 'Why not,' dare to challenge conventional wisdom."

He emphasized the need to "protect freedom of expression in the pursuit of our research ... freedom to publish, freedom to speak, and freedom to teach."

Fraser's remarks were made in the wake of a letter sent to him last week from Klein criticizing the Parkland Institute, a university-funded, left-wing think tank established in January, 1997 to counter right-wing think tanks such as the Fraser and C.D. Howe institutes.

In the letter, Klein wrote, "I am dismayed to see yet another one-sided and ideologically biased attack on the generosity of Albertans by the factually challenged Parkland Institute and its apparent campaign to undermine the good work of the people of this province."

The premier was particularly upset with remarks made by economist Armine Yalnizyan, of Toronto's Centre for Social

Justice, at the institute's Poverty Amidst Plenty conference last weekend. Using research from Statistics Canada, and referring to the work of two University of Lethbridge scholars, Yalnizyan argued the gap between rich and poor in Alberta is growing faster than elsewhere in Canada, despite a rapidly growing economy. Klein argued "these conclusions that Albertans ignore the plight of the poor, echoed by the Parkland Institute itself, are not validated by reality."

Fraser said the university would not be intimidated by Klein's criticism, and would continue to foster a climate of open debate. The institute's director, Dr. Gordon Laxer, said he was "pleased with the uncompromising, clear position of the presi-

dent and higher administration in favor of academic freedom at this university.

"I certainly think it's reasonable for the premier to have a position on the issues we've raised, but to send a letter to the president of the university rather than to us, or to come to our conference or go to the media...I think is an attempt to stifle free speech."

Faculty of Arts Dean Pat Clements said she shares "the wish of others in the faculty that the premier had spoken directly to the Parkland Institute about his disagreement with them, and that the substance of the disagreement had been debatable." She also stressed "we're expecting the Parkland Institute to continue doing provocative, interesting work."

Clements said the arts faculty has a three-year agreement to fund the institute into August of this year. "That's part of the terms of reference of the original grant ...the Faculty of Arts will not be withdrawing funding from this institute for any political reason."

She said the faculty also funds two other institutes, including the Institute for Public Economics and the Institute for Medieval and Early Modern Studies. "There are many points of views represented here and we intend to keep it that way," she said, adding the position of the Parkland Institute is "very different from the point of view represented by the Institute for Public Economics." ■

U of A post Ted Germaine

Long-time staffer retires after 43 years.

By Roger Armstrong

At the beginning of 1999, Surgical Supervisor Ted Germaine faced two choices about retirement. According to him, the government said: "Well, you have a choice — you can either retire the day before your 65th birthday or the last day of the month in which your birthday falls. So, being an ornery cuss, I said 'Damn well, I'll stay every last day I can.'" At the end of March, Germaine will retire from the U of A after almost 43 years of service.

Germaine works at the Surgical-Medical Research Institute (SMRI) and has the distinction of being the second-longest serving U of A employee (James Liddell of Physical Plant retired last year after 45 years). While Germaine is retiring at the end of this month, he has no intention of not working.

"I have the philosophy that the human being isn't made to just sit around and watch television and drink beer. I suppose it comes from growing up on the farm and working all the time," he says. Germaine plans to spend more time with his family, in addition to working on renovations to the house on his recently acquired 40-acre property near Alder Flats. He says he will start with the 40 acres of fence that need mending.

In December 1956, Germaine came to the university's McEachern Cancer Research Laboratory after a couple of years working on the oil rigs. His first day was spent cleaning up after a surgery. Germaine learned things on the job from the ground up, taking courses as he went along. He first worked for Dr. John



Ted Germaine retires after almost 43 years at U of A.

Callaghan who performed Canada's first open-heart surgery. Germaine was the first non-academic surgical technician and at one time was responsible for a technical surgical staff of 16.

Germaine is responsible for all the supplies and ensures the equipment runs smoothly during surgery. With more than 42 years of experience, Germaine has invaluable knowledge. "If they want to know something, they come and ask me. Sometimes it's good, and sometimes it's not so good, to know so much," he says.

"He has a great rapport with his fellow colleagues as well as the doctors who work at the institute," says Dr. Ray Rajotte, director of SMRI who has known Germaine for 25 years. Rajotte says Germaine is the

type of technician any department would love to have. He is always there if you need him, says Rajotte. "He is truly a dedicated technician who has contributed so many years to make SMRI a success. Even though he is not a surgeon, Ted showed a lot of doctors how to do their first surgical knots," says Rajotte. Germaine has seen almost 300 surgeons in his many years who have gone on to postings around the world. Rajotte knew the 'dreaded day' would come when Germaine would retire and he says it will be hard to fill the gap.

Germaine has been an active member of NASA and seen many changes at the U of A. He is concerned about the long-term effects of cutbacks to the institution and especially on support staff. Germaine says he will miss the U of A. There are dozens of pictures of people on the walls who have come through the lab and Germaine knew them all. He is not sure what exactly retirement will mean to him. "I've never been retired before. Over the years, I've usually worked during my vacations," he says. "So I don't plan on doing a lot of sitting around."

Germaine has kept physically fit all his life by running. Two years ago, he ran Edmonton's half marathon. Recently a back injury has prevented him from running but he hopes to take it up again in retirement. As well, his youngest son is a veterinarian in Montana and he plans on heading down to visit and lend a hand. And then there are those 40 acres of fence that need attention... ■

Correction

In the last issue of *Folio*, the names of Drs. Suzanne Bayley, Pamela Sing and Mrinal Das were incorrectly spelled. *Folio* sincerely regrets the errors.

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...it makes sense

Web Watch

By Randy Pavelich

This column is a regular feature in *Folio* highlighting interesting Web sites. We'd appreciate your input. If you know of good sites you think the university community will be interested in, pass the addresses along to Randy Pavelich, university Web manager at: info@ualberta.ca.

Furby Autopsy

<http://www.phobe.com/furby/>

The absolute must-have toy for millions of children last Christmas was the Furby. Cute, furry, talkative Furbys had some pretty sophisticated electronic innards which allow them to talk to one another through an infrared port and blink their big lovable eyes. But what do you do

when your Furby becomes ill, and eventually dies? This site documents one brave researcher's Furby autopsy. Warning: graphic depictions of electronics and dismembered body mechanisms.

How Stuff Works

<http://www.howstuffworks.com/>

Ever wondered how an electric screwdriver works? How about a hydraulic press? This is one of those sites you'll revisit time and time again because of the variety of information on it. The author, Marshall Brain, has assembled hundreds of pages describing in clear and understandable terms how stuff works. Something for everyone!

University of Alberta Press

<http://www.ualberta.ca/~uap/>

The U of A Press Web site is a veritable fountain of information for those on and off campus. Most of the books published by the Press have some local connection through the author or subject, and many of them are groundbreaking, such as the *Alberta Elders' Cree Dictionary*. The site is fast, bright, and logically arranged—a fine complement to the vital role the Press plays in university operations. ■

Thanks to WebWatch Pro Surf Team member
Craig Owens.

The deification of the 'invisible hand'

Market theology and the global economy

By Geoff McMaster

The ideology of the so-called "free market" is obliterating all other criteria for the development of human society. The market is the way of salvation. The market has become our God. — Rt. Rev. Bill Phipps, moderator, United Church of Canada.

Ever since John Lennon sent shock waves around the globe by proclaiming the Beatles were more popular than Jesus Christ, we've been aware of the power of popular culture and consumerism to fill a spiritual void in our lives. Today the Nike "swoosh" and Coca-Cola logo are more recognizable than any religious icon, carrying with them connotations of progress and global conquest.

But as trade barriers around the world continue to fall and transnational corporations rake in record profits, some argue a new faith has taken hold, and with it a fundamentalist doctrine more dangerous than anything we've seen before. At the centre of this faith, or so the doctrine implies, is a benign spirit spreading wealth from within an unfettered free market. If left alone to work its magic, this late 20th century version of Adam Smith's "invisible hand" will eventually close the gap between rich and poor.

The Rt. Rev. Bill Phipps, chief moderator of the United Church of Canada, is only one of many on the political left convinced "market theology" will lead to nothing but devastating results, namely the "concentration of wealth in fewer and fewer hands" and a world economy that "ignores pollution, infrastructure, literacy rates, social dislocation and disease." His concerns are echoed in Dr. John McMurtry's book, *Unequal Freedoms: the Global Market as an Ethical System*.

"The market is not now seen as a structure to serve society," he writes. "Rather, society is seen as an aggregate of resources to serve the global market...No traditional religion has declared more absolutely the universality and necessity of its laws and commandments than the proponents of the global market doctrine."

But it's not only the left who are getting spooked by this fundamentalist fervor. Pat Buchanan, champion of America's religious right, released a book last year called *The Great Betrayal: How American Sovereignty and Social Justice are Sacrificed to the Gods of the Global Economy*. In it he writes, "Broken homes, uprooted families, vanished dreams, delinquency, vandalism, crime—these are the hidden costs of free trade." And Sir James Goldsmith, the richest man in Europe, remarked in 1994, "What an astounding thing it is to watch a civilization destroy itself because it is unable to re-examine the validity, under totally new circumstances, of an economic ideology."

It is the assumption global capitalism is inevitable, that our future has already been sold to a form of economic predestination, which is perhaps the most disturbing tenet of market theology, according to



political economist and Parkland Institute director, Dr. Gordon Laxer.

"It's like the Christian missionaries who said we have the answers and we're bringing it to you heathens," says Laxer. "The intolerance of saying we will not even debate that there are other alternatives makes it like a fundamentalist religion. I think it's much more dangerous than any other fundamentalism, because it's about power."

The great cost of bowing to gods of globalization is an erosion of democratic values, says Laxer. He argues "under globalism, states are less oriented to internal democratic demands, and more toward adjusting the national economy to globalism's imperatives...The obligations of globalism were mandated during the 1980s

debt crises and are now locked in by regional agreements like NAFTA."

Other economists, however, contend any rhetoric of "market theology" or "market doctrine" is inaccurate and polarizing. They argue history has shown capitalism to be the most successful means of allocating resources, so there is good reason to place one's faith in the prospect of a global market.

"Capitalism has been shown to work better," says business professor, Dr. Randall Morck. "If I understand them correctly, this is the conclusion many old-fashioned and economically illiterate leftists find disturbing. Future economic discourse will therefore be about how capitalism should develop, not whether or not it should. To call such a position 'market theology' is deeply insulting, and does little to foster a constructive dialogue between economics and the humanities."

Vice-President (research) Roger Smith agrees we've learned much lately about economic systems that do not work, particularly after the fall of the Soviet Union. He says the market has "demonstrated its ability to enable countries to be more productive." At the same time, "it has not addressed some of the distribution issues that are clearly there, that any caring human being must be concerned with."

"Those who believe that market forces can be beneficial have to be careful about the rhetoric they use, but also those who see the shortcomings of market forces have to be careful about the rhetoric they use too. And I'm not sure either side is adequately thoughtful and careful about its rhetoric sometimes."

Associate Dean of Business (external) Royston Greenwood also urges a more balanced view of economic globalization.

"There are no ethics in the market," says Greenwood, only companies behaving ethically or unethically. Companies, and citizens, must decide what globalization means and how it needs to be adjusted to suit our social and spiritual needs.

"I don't want to portray globalization of western economic systems as panacea, but at the same time, to paint it as an entire negative is overstating the case on the other side...We don't have the structures in place yet in terms of how to manage transnational organizations and global economies."

According to Laxer, however, the tide is turning away from uncritical acceptance of a monolithic global market. Popular

resistance, he says, is on the rise. The defeat of the Multilateral Agreement on Investment (led by the Council of Canadians) at the Organization for Economic Co-operation and Development (OECD) in Paris last December is one clear sign people are not simply surrendering to the transnational corporate agenda. Norway has also begun an inquiry into the ethics of globalization.

"We're in a short historical period after the fall of communism when there is an assumption we've done it all and this is the only way," says Laxer. "I think we're moving into a deflationary recession ... and then this era of capitalist triumphalism will be over." ■

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than the proponents of the

global market doctrine

— John McMurtry

Alumni enthusiasm in Asia never wavers

By Lucianna Ciccocioppo

If Asia has the "flu," it hasn't affected alumni support of the University of Alberta. Indeed, President Rod Fraser, back from a three-week trip to Hong Kong, Singapore, Tokyo and Nagoya says the enthusiasm of alumni in that part of the world hasn't wavered. In fact, it increases with each visit.

Hong Kong alumni in particular want to raise one million dollars for scholarships and bursaries, he said.

"We thought it might be better to target \$400,000 - \$500,000 to get started with, but they said no," added Fraser with a smile.

It also helps when several U of A graduates since 1964-74 are at the deputy minister's level in government in Singapore. "People are extraordinarily well placed in government and industry there," said Fraser.

This enthusiasm is vital for much more than fundraising. Alumni development is fundamental for student recruitment, find-

ing other U of A alumni, and facilitating co-op, internship and post-graduation placements. Another plus is providing a network for employment and career development, said Fraser, for those who have been affected with the downturn in the economy.

There's a sense, said Fraser, that people in Asia are focussing on the "mind power" for the new economy and that means focussing on educational opportunities for the next generation.

"There's a Chinese proverb that says: 'If you want a return in one year, plant corn. If you want a return in 10 years, plant a tree. If you want returns every year for the next 100 years, invest in education.'"

And while, normally, students would make a bee-line to institutions in the U.S. and Britain, more and more of them are looking to Canada, said the president.

At this stage, with UBC's international tuition fees just under \$14,000 and McGill



President Rod Fraser with alumni in Hong Kong.

at \$12,000, the U of A is seen as an option — a low-cost option. International fees for the 1999-2000 year are set at about \$6,800.

"It's almost as if we've got a little bit of a window that's opened up," said Fraser.

Among the academic crowd, there's enthusiasm to forge partnerships and develop international research Centres of Excellence, expanding upon the network set up in Canada, explained Fraser. There's a strong interest in establishing a business school, studying the development of economic power around the Pacific Rim.

This would build on the U of A's two-pronged thrust in new areas: east and southeast Asia and down the Rocky Mountains throughout the U.S., Mexico, Chile, and Argentina. Furthermore, it would complement university strengths in Eastern and Western Europe studies and research.

Looking further east, the president said the U of A is a contender to help establish a new university in northern Thailand. University expertise would be used to educate faculty in the Golden Triangle area. It's one part of an attempt to help change the ethos of the area, explained Fraser, through education. ■

Undergraduate students elect new executive

Issues-based campaigning was key for new president

By Sheila Soder

Caught over the weekend while still buried under three weeks of accumulated laundry, recently elected University of Alberta Students' Union president, Mike Chalk, believes his election proves substance is important in a campaign.

"It was a real victory for issues-based campaigning," says Chalk, a business student who is currently serving as SU vice-president operations and finance. "My ideas seemed to have clicked, and I am glad to see that there is popular support for what I plan to do."

Elected by a landslide on March 3-4, the two largest upcoming issues for the SU under Chalk's leadership are renovations to the Students' Union Building, and an extensive public awareness campaign on what Chalk calls "the educational crisis."

"The health-care crisis has captured the attention of the public, but we have not. I want to let them know what it is like to be a student," he says. He intends to continue lobbying for additional student representation on the university's Board of Governors, and address areas where he feels university funds "are not being spent wisely."

"The university faces a tradeoff between increasing tuition and staff cut-backs," says Chalk. "It is very easy to settle into that argument and pit one group

This is a real victory for issues-based campaigning.

— Mike Chalk

against the other. I don't think it is that simple. There is a third way for trimming and efficiency that doesn't have as traumatic an impact on either group."

Chalk also intends on changing the current non-instructional fee protocol to include additional student consultation and involvement, and to increase communication with SU members, particularly those which have traditionally been more isolated. "Even if you are south of 87th Avenue you are still a student," says Chalk, referring to students in Corbett Hall or at the Faculté Saint-Jean.

The big change to the SU elections this year was a by-law change made by Chief Returning Officer Matthew Hough that excludes joke candidates from taking office in the event of their election. Following the election, Hough stated this change will be re-evaluated based on suggestions made "so anyone can run as long as their student name appears on the ballot."

Hough also indicated there are a number of additional areas to change for next year, including the actual voting process used by the SU. "There was a bit of a problem with duplicate ballots," reported Hough. When students vote, their student ID number is recorded on what is referred to as a 'bubble sheet,' which are scanned to check for duplicates. This year, ten duplicate student ID numbers were found.

Hough is not concerned about the duplication, however, saying those ballots were treated as spoiled and not included in the final count.

Use of the OneCard in the voting process is also an ongoing issue, according to Hough. Currently, there is no distinction on the identification cards between undergraduate and graduate students. There have also been discussions about voters swiping their OneCard and having duplicates eliminated electronically and instantly, but Hough is hesitant to commit to this change at this point.

"The Students' Union is not going to pay to wire the campus [for the card readers] when we use it once a year, and the university would then have the ability to use it all the time." Unless a deal can be struck between the SU and the university, Hough believes it is unlikely this change will be implemented.

1999 - 2000 STUDENTS' UNION EXECUTIVE

President, Mike Chalk	Vice-President Student Life, Heather Clark
Vice-President Academic, Tajesh (TJ) Adhihetty	Board of Governors Representative, Julien McNulty
Vice-President External, Leslie Church	
Vice-President Operations and Finance, James Brown	

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folio letters to the editor

"Rhetoric and sound bites" on issue of low salaries

It was distressing to read Geoff McMaster's article, which reminded us that our salaries continue to lag behind the rest of the top Canadian universities. A number of issues concern me.

AAS:UA President Wayne Renke correctly advises that recruitment of the best academic staff is difficult when prospective faculty are made aware of this sorry statistic. I am also concerned about the other two issues described by Mr. Renke: retention and fairness. In 1994 our salaries were rolled back and frozen for three years. I confess to have been naïve enough to have believed that the provincial government would restore all rollbacks to the base of their 1994 level before we opened negotiations with university administration. This never happened, and we were left with a permanent 5.5 per cent reduction in our monthly paycheques. Fairness and retention do not seem to me to be a concern of university administration in regards to continuing staff, but rather, only to incoming staff.

In McMaster's article, Fran Trehearne, to a degree, defends our current salary position. While I agree that Alberta has no sales tax, Alberta has quietly introduced dozens of user fees to compensate for this. Reading Mr. Trehearne's comments, I was struck by what I believe to be a largely unnoticed but continuing trend, which is the aforementioned concern for recruiting the best possible new staff at the expense (no pun intended) of those of us who have worked here for years. Said staff have been left with a lowered salary, which as Mr. Renke correctly points out is in effect a permanent tax about which we can do nothing. Mr. Trehearne says, "The question is what we need to pay to get the very best people here, and that may be somewhat less than Toronto or Vancouver." That's fine with me, but again, where is concern and follow-up from Mr. Trehearne and university administration for existing continuing staff?

There are other indications of this. In the brochure describing the U of A's

fundraising campaign, there is a section called "Q&A: Why should I give to the U of A?" The first sentence under the heading, "The U of A has lots of money. Why do you need more?" reads: "Our professors are paid less than their counterparts in Toronto and Vancouver." If I was a potential donor, this would imply to me that some of the funds raised would go into existing salaries to adjust for this difference. Subsequent investigations confirmed that in fact, none of the funds raised will be applied to our existing salary levels. Why is this statement in the brochure? It is false advertising and very misleading.

In the Sept. 4, 1998 issue of *Folio*, Mr. Eric Newell, chair of the Board of Governors, notes: "We want to attract outstanding faculty and keep the compensation for faculty competitive." It was encouraging to read this, but I have yet to read or hear about any initiatives that might have an impact on our compensation. Mr. Newell says that the answer is to expand the university's source of funding. I agree 100 per cent, but wonder how an expanded revenue source might affect our salaries, currently locked into a binding agreement with the Board of Governors?

I have worked at the U of A since September, 1983. I am grateful to work with outstanding colleagues, and proud to be a part of an exciting, vibrant campus. I take none of this for granted. But for those of us who are not part of faculty or staff renewal, I am left wondering if we no longer matter to university administration or the board. I read or hear expressions of concern about our low salaries from members of administration and the board. Can we expect anything to change, or can we simply expect more rhetoric and sound bites?

Sincerely,
Randy Reichardt
Reference Librarian
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L'Heureux-Dubé v. McClung in the court of public opinion

By Tom Asquith, third-year student, Faculty of Law

"We must be ever on guard, lest we erect our prejudices into principles."

Justice Brandeis, United Supreme Court Justice

Sometimes, we forget the law is a human venture. Quite often, the modern legal system is the proverbial 'black box' — its workings shrouded by curtains, obscuring many of those vital mysterious processes inside. It grinds out decision after decision, affecting hundreds of lives on a daily basis. Most of the time we are forced to deduce the existence of these cogs and wheels via guesswork, logic and reason. But on those rare occasions, the curtains are tossed aside and the legal machine is laid naked for all to see. More often than not however, these occasions occur when a judge has made an error. But with the aftermath of *R. v. Ewanchuk*, it is not one judge but two.

In hindsight, Ewanchuk should have been a run-of-the-mill case for the Supreme Court of Canada to adjudicate. Steven Ewanchuk was charged with sexual assault for attempting to become intimate with a 17-year-old female job applicant and being told "no" twice. "Implied consent" was argued as a defence, winning at both of the lower courts. The Supreme Court was expected to overturn the decision of the Alberta Court of Appeal. And, as expected, it did so unanimously. Mme. J. L'Heureux-Dubé gave both the trial judge and Appeal Court Judge, J.A. McClung, a very strong rebuke, accusing them of furthering "archaic myths and stereotypes". But then something unexpected occurred.

McClung took exception to L'Heureux-Dubé's criticism and dispatched a letter of protest to the National Post. He accused her of "a graceless side to personal invective." But not content in stopping there, he added "the personal convictions of the judge...could provide a plausible explanation for the disparate (and growing) number of male suicides...in the province of Québec." This latter piece had an anticipated extra bite: he was apparently unaware L'Heureux-Dubé's husband had committed suicide 21 years ago.

An impromptu 'off-the-record' interview was published in the same newspaper two days later. A letter of apology was released to the public by McClung but to little avail. Newspaper editorials across the country heaped criticism on the judge and women's groups wanted him to answer to a judicial inquiry.

Curiously enough, in a span of 10 days, our tale took another bizarre turn. Noted lawyers Edward Greenspan and Allan Borovoy of the Canadian Civil Liberties Association, and Alan Gold of the Canadian Criminal Trial Lawyers Association have leapt to McClung's defence in the media. The interest group, REAL Women, have launched a formal complaint about the conduct of L'Heureux-Dubé.

There are two judges who now find their reputations tarnished. Were these judges wrong? And if so, where did they go wrong?

As per any other Canadian citizen, a judge possesses the freedom of expression, but there are boundaries placed on judicial speech. At the risk of oversimplification,

these limits can be reduced to three grounds: 1) the need to ensure the integrity of the judiciary, 2) the need to maintain judicial independence, and 3) the requirement of impartiality, politeness and diligence in the performing of their duties, both in and out of court.

Upon reflection, it's clear both judges by their respective conduct have been in violation of one or more of these principles.

INTEGRITY OF THE JUDICIARY

Whether one examines the letter or the off-the-cuff interview, it is evident McClung had impugned the dignity of L'Heureux-Dubé. Of this, there can be no doubt. Moreover, the subsequent comments made in the interview were also in violation of this principle. Likewise, I would argue L'Heureux-Dubé, by taking a very political stance, acted in a manner that could be construed as endangering the integrity of the judiciary. More particularly, to borrow from the Canadian Judicial Council's (CJC) handbook, and in review of her judgment, it does not appear there was any encouragement or support of an observance of this high moral standard to her respective colleagues of the lower courts.

JUDICIAL INDEPENDENCE

The errors committed by both judges on this ground are surprisingly similar. Both judges seemed to think it was necessary to force the other judge into accepting their respective positions. In the CJC ethics guidelines, it says "judges must exercise their judicial functions independently and free of extraneous influence." As Edward

Greenspan has argued (and there is some support for this view in *R. v. Lippé*), judicial independence must by necessity include a reasonable degree of freedom from the influence of other members of the judiciary. While there may be no doubt McClung's letter constituted a desire to break from the established hierarchy of the courts, there is some merit in asking whether L'Heureux-Dubé had gone too far in her criticisms of the lower judges.

IMPARTIALITY AND DILIGENCE

Socrates counseled judges to hear courteously, answer wisely, consider soberly and to decide impartially, as outlined in the CJC's "Ethical Principles for Judges". It appears neither of these judges passed the 'Socratic test.'

McClung, blessed with a wry and fiery wit, employed these talents poorly in his judgment in Ewanchuk. McClung's error lay in forgetting humor does have the ability to backfire—even for an appellate court judge.

Justice L'Heureux-Dubé's error lay on different grounds. Her decision has been alleged to be decided in a less than impartial manner. Undeniably, a review of her decision reflects the present state of the law, but the decision as written had very strong political overtones. It seems personal ideology had perhaps influenced her review of the lower court judges' decisions. But this is, at best, unclear.

One letter of protest proclaiming hurt pride has shifted the spotlight from Mr. Ewanchuk and his victim to the presiding judges. The peaceful community of lawyers and academics were set to arms. And the legal world may never be the same. ■

Professor hammers his way to success

Killam Award winner makes strides in construction industry

By Phoebe Dey

Dr. Simon AbouRizk never strayed from his childhood dream of working in the construction business.

As a young boy growing up in the mountains of Lebanon, he helped his father and grandfather toil away on form work and concrete structures. With the intention of becoming an engineer and taking over the family business, AbouRizk turned to school. He became a part-time sessional instructor at the Georgia Institute of Technology in Atlanta and never looked back.

"I enjoyed teaching more than the construction business," said AbouRizk, a recent Killam Professorship winner. "I settled into a different role than my childhood dream but I wasn't too far off. Now I get the best of both worlds."

Today the University of Alberta professor develops computer-simulated models for the construction industry. The computer systems evaluate everything from project costs, structure deficiencies and any other strategies construction companies might use when erecting sites.

Although he works in a more non-traditional field than other civil engineers, AbouRizk appreciates the challenge. While other industries can apply straightforward theories of science, there are no simple rules in construction, he said.

"It's a blend of business, structures, technology, mechanical engineering and electrical engineering," said AbouRizk, whose focus is on heavy construction.

"You name it, everything is involved in this industry."

The construction industry is also not as progressive as some other fields in terms of systems used to deliver the product, he said. When a customer goes to a grocery store, for example, everything is scanned and recorded on a computer. But when someone goes to a construction site a time sheet would be recorded with a simple paper and pen.

"It's the same process that was used in 18th-century England or 17th-century Egypt," he said. "It's all very manual."

AbouRizk is trying to change all that. He has accomplished in 10 years what most people accomplish in a lifetime. In his spare time he works as a consultant for several companies and spent years as a surveyor and construction engineer in Beirut. He is currently the principal investigator for several research grants.

His name is known in engineering circles across the country and his list of contacts is endless, said one graduate student. "He has such a personal relationship with all of his students," said Danny Hajjar, who has been under AbouRizk's wing for several years. "I talk to other grad students and they say they see their supervisor once every two weeks and that shocks me. Dr. AbouRizk is always hands-on and pushes me. He's involved in my work from start to finish."

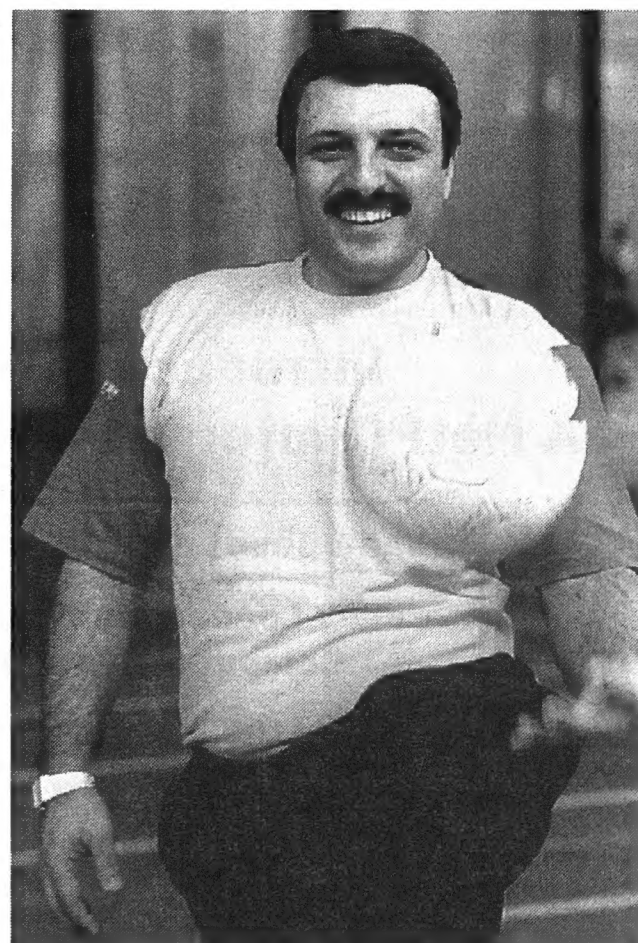
He's also convincing. When Hajjar first met AbouRizk as an undergraduate re-

search assistant, the professor pulled Hajjar into the graduate program. Due to graduate in June, Hajjar has agreed to come back to teach at the university for an additional semester because of AbouRizk. "It's hard to pull away from him," he said.

AbouRizk gives much of the credit to his junior high-school sweetheart and wife, Marlene.

"I run at 110 miles an hour so somebody has to be composed to maintain our children's sanity," said the father of three. "To get to the level of achievements I've made somebody has to stay home with the kids and that was something we agreed on at the start. I'm blessed with an incredibly loving and understanding wife who is the main reason for my success."

When AbouRizk does find a minute to breathe, he can be found on the soccer field coaching one of his girls. And after hearing from their father how much he loves his job, all three daughters want to follow in his construction footsteps and carry on a family tradition.



When Killam Award winner Dr. Simon AbouRizk isn't coaching students in the classroom, he's coaching his daughters on the soccer field.

Buffalo Yell examines aboriginal postsecondary education

Newspaper first of its kind

By Geoff McMaster

In First Nations culture, the buffalo yell signifies joy and celebration, and is a call to "a journey of healing through learning."

Buffalo Yell, the inaugural issue of which ran off the presses last month, is the first newspaper in North America devoted to First Nations and post-secondary education. The U of A-based publication, edited by Cathy Sewell and Lewis Cardinal of Native Student Services, has a starting circulation of 2,500, but interest is already so strong the numbers are sure to grow.

"The word is starting to spread," says Cardinal, who admits it helps to have one issue out to prove you can do it. "No one believed us at first."

In addition to education news of interest to the aboriginal community, each issue will include "survival tips" for aboriginal students, a section on career planning, a column written by an elder on the importance of pursuing education, letters to the editor, a feature profiling an outstanding

alumnus, as well as information about bursaries, scholarships and events.

There is even a special section for northern students who have "a whole different set of needs," says Cardinal. "We're trying to include really useful information—that's the key." Starting in the second issue, the paper will also feature a humorous cartoon strip by Kevin Buffalo-Stoyko called "Wee-zil," based on aboriginal student life.

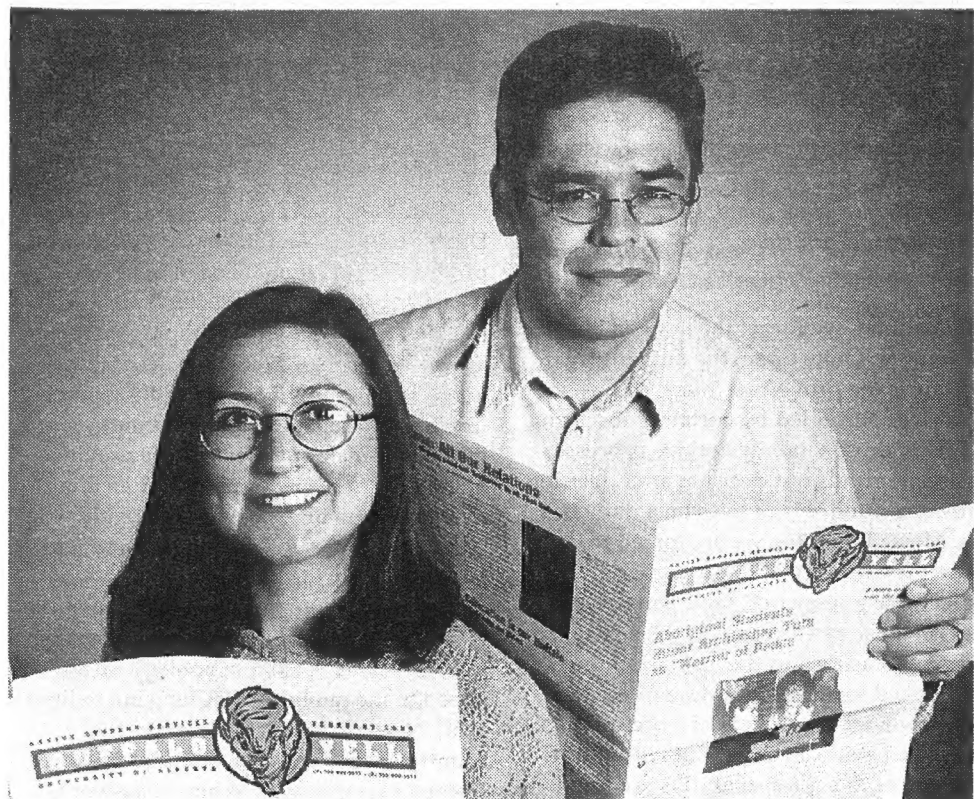
Buffalo Yell actually started out in 1986 as a simple newsletter run off the photocopy machine at Native Student Services. It was a time-consuming and costly endeavor. As interest in the newsletter grew, Cardinal calculated, with a little coordination, he could produce a more polished product for a larger audience without paying a great deal more. When indigenous people from as far away as Ghana and Ecuador were asking to be added to the mailing list, it was clear demand would not be a problem. Neither would finding advertisers.

"We realized that the government and private sector were very interested in having a tool like this to place advertising to reach secondary students," says Cardinal. While he's had to rely on some funding from Native Student Services to get the eight-page paper off the ground, he eventually hopes to fund it entirely through advertising sales. "The goal is to become self-sufficient, because we want to use this also as a tool to teach aboriginal students here how to write and publish...and we will take volunteers." To that end, Cardinal says he and Sewell are looking for volunteer writers.

In a section called *The Talking Circle*, *Buffalo Yell's* version of letters to the editor, readers are invited to contribute views on a number of controversial topics:

- Do First Nations get free education?
- Is postsecondary education a treaty or aboriginal right?
- Is there such a thing as institutional discrimination at universities, or are aboriginal students just overly-sensitive?
- Do indigenous people learn differently?
- What do indigenous people bring to the classroom?

»» quick »» facts



Tina Chang

Buffalo Yell is sent to all First Nations' agencies across the country, including high schools, tribal councils and postsecondary institutions. It's also circulated throughout the United States and to selected countries as far away as Argentina and New Zealand.

Most gratifying, however, has been the response closer to home, says Cardinal. The aboriginal liaison from Edmonton Public Schools, for example, has asked for a number of copies to hand out to students. "She said our aboriginal students need to

know there are native students successful at school, that there are opportunities and avenues," says Cardinal. "We always highlight a U of A grad, somebody who's doing well out in the world."

As excited as Sewell and Cardinal are to be treading uncharted waters with their ground-breaking publication, they say they'll never stop looking for ways to make *Buffalo Yell* even better. "Cathy and I are perfectionists and we know where there's room for improvement," says Cardinal. ■

Suspicious canisters found in HUB

Edmonton police were called to HUB Mall late in the evening on March 4. A member of the cleaning staff made the call after discovering two suspicious looking canisters, about the size of a pop can, with wires sticking out of them.

Three teenaged boys were seen running from the area where the canisters were located toward the LRT station, says Kelly Gordon, public information officer with the Edmonton Police Service.

Gordon says the mall was partially

evacuated, the canisters were safely exploded and the pieces were collected and sent to the Vancouver crime lab to be analyzed. The results could take a few weeks.

"They were described upon a cursory examination as being what looked like a very rudimentary pipe bomb." He says this type of device is not rare. There are no new leads on the three teenagers wanted for questioning.

No one was hurt in the incident. ■

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Father of carbohydrate revolution

Raymond Urgel Lemieux (1920-)

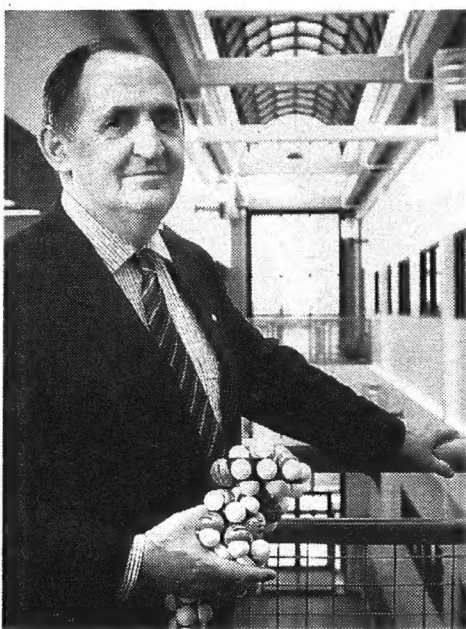
By Geoff McMaster

For one hundred years, chemists tried in vain to scale the "Mount Everest of organic chemistry." But reaching the summit came fairly easily to "Sugar Ray" Lemieux of Lac La Biche, when he synthesized sucrose, or common table sugar, in 1953. This remarkable feat amazed everyone in the world of science, but was only the first in a series of carbohydrate discoveries to change chemistry, and medicine, forever.

Having dominated his discipline for more than 40 years, Lemieux has been almost solely responsible for moving the once marginal study of carbohydrates into the mainstream of organic chemistry. In simple terms, he revealed how carbohydrates bind to proteins, a phenomenon crucial to "everything from cancer to embryogenesis," says University of Alberta colleague, Dr. Ole Hindsgaul.

It's a curious irony one of Canada's most distinguished scientists had no definite plans to attend university in his youth. Born in northern Alberta in 1920, he was the seventh child in a family of eight. Before entering the second grade, Lemieux moved with his family to the Boyle Street area of Edmonton, then "an Irish-French-Ukrainian ghetto, where the main challenge was to avoid associations that could lead to reform school," he writes in his autobiography, *Explorations with Sugars*. While working at the Jasper Park Lodge one summer he met several university students. That's when he began thinking seriously about going to university himself. "I thought all you had to do to get a scholarship was to have high marks," he

"In those days there were only two kinds of guys coming back to Edmonton with big cars: hockey players who made the NHL and scientists who made it in industry in the U.S."



C.W. Hill photography

once remarked. "I learned from them that you also had to apply."

As a young man contemplating his future during the Depression, money was always an issue. And as far as Lemieux could tell, commercial chemists seemed to make decent salaries. Since second-year chemistry students were often paid a modest sum to perform demonstrations to freshmen, his choice of major fell quickly into focus. "In those days there were only two kinds of guys coming back to Edmonton with big cars: hockey players who made the NHL and scientists who made it in industry in the U.S.," he once told the *Edmonton Journal*.

Lemieux graduated with an honors degree in chemistry from the University of Alberta in 1943 and received his PhD from McGill in 1946. After a brief stint at Ohio State University, he worked at the University of Saskatchewan for two years before joining the Prairie Regional Laboratory of the National Research Council in 1949, where he became the first scientist to successfully synthesize sucrose in the laboratory in 1953.

But Lemieux's most significant breakthroughs were yet to come. After serving seven years as dean of pure and applied science at the University of Ottawa, he returned to Edmonton in 1961 to join the University of Alberta's chemistry department. Here he started on the path to what many consider the major accomplishment of his illustrious career—making possible the synthesis of complex carbohydrate structures called oligosaccharides. In the late '50s, chemists became aware these structures, which coat red blood cells and body tissue cells, were essential for cell to cell recognition and carried messages crucial to the control of many cellular functions. But because adequate quantities of natural oligosaccharides (even a milligram) were extremely difficult to obtain, studying them was virtually impossible. That hurdle was eliminated, however, when Lemieux found a way to make a synthetic version of the carbohydrate.

It may not sound like an earth-shattering breakthrough, but Lemieux had enough vision to recognize its considerable medical applications, specifically the use of the synthetic compound as an artificial antigen. When attached to proteins, oligosaccharides can be used to stimulate production of antibodies in the human body. Understanding the structure of these carbohydrates has made possible new antibiotics and blood reagents, drugs to prevent transplanted organ rejection, improved blood typing and grouping, as well as methods for the improved treatment of leukemia and hemophilia.

Firmly believing the university and province should reap the benefits of a new and promising biotechnology industry, he established three biochemical companies during his career, including R&L Molecular Research Ltd., Raylo Chemicals Ltd., and Chembiomed, which was recently taken over by Synsorb Biotech of Calgary. While in operation, these companies patented a number of antibiotic drugs and



The University of Alberta and Strathcona County have signed a \$1.5 million partnership agreement to carry on Lemieux's legacy to carbohydrate chemistry and ensure the university's international reputation in the field. The county's interest-free loan marks the first time a municipality has made a financial contribution to the university; it will help endow the Strathcona County/R.U. Lemieux Chair in Carbohydrate Chemistry. At a Faculty Club ceremony last week, Lemieux was on hand to introduce the new holder of the chair, Dr. David Bundle, an expert on the binding of sugars with proteins.

"I've never been so pumped up in my life," joked Lemieux. "I guess at my age, it can't do too much harm. ... I was really quite sceptical in the beginning. I thought the chances of funding this chair were about as good as a snowball's in hell."

Dean of Science Dick Peter announced Lemieux and his wife, Virginia, have pitched in \$100,000 towards the endowment. The agreement calls for direct linkages between Strathcona County and any research or development/invention activities at the U of A that may have spin-off potential.

helped build Alberta's knowledge-based economy.

Lemieux's most recent work has focused on the role of water in molecular recognition, a hot new area of study this decade. According to Dr. Gary Horlick, the University of Alberta's chair of chemistry, we only now have technology sophisticated enough to take Lemieux's research to the next stage of discovery.

Were it not for the seminal work of Alberta's own carbohydrate giant, much current research in immunology would simply not be possible, a fact underscored by a long list of prestigious awards and honors, including memberships in the Royal Societies of Canada and London and an appointment to Officer of the Order of Canada. In May, he will receive Israel's Wolf Prize for Chemistry. ■

New drugs help heart attack victims

By Roger Armstrong

Thirty-five year old Barry Boroditsky was on his way to work one Monday morning when he felt pain in his chest, and shortness of breath. This was the second time he felt the pain and decided to go the hospital, just to be sure. As it turns out, he had a heart attack. Boroditsky is now thinking about what changes he will have to make in his life and what, if any, permanent damage he has suffered. He is naturally concerned about his future.

Dr. Gary Lopaschuk, professor and director of the Cardiovascular Research Group, may have the answer for Boroditsky and others. Lopaschuk and his colleagues have been working on a unique approach to helping those who have suffered heart attacks.

"This is a completely novel approach to treating heart attacks. Existing treatments either try to increase oxygen supply to the muscle, or to decrease the oxygen use. What this approach does is actually make the muscle more efficient. You get more work for less oxygen and therefore there is less energy demand and less likelihood the muscle will get injured following a heart attack," says Lopaschuk. "We're making the heart do more work with less oxygen."

The body normally uses a good balance of fat and sugars, or carbohydrates, as

fuel for the heart muscles. Lopaschuk says during and following a heart attack, the heart uses too much fat and very little sugar. This makes the heart inefficient and can contribute to muscle damage after a heart attack. Lopaschuk says his new drug will help to correct this.

"These drugs will shift the fuel use of the heart towards sugar and away from fatty acids and put that balance of sugar and fat use back into place," he says. "One of the problems with a heart attack is often the muscle is injured and so the patient can have a symptom called congestive heart failure - where they don't have proper muscle function. What we hope this drug will do is lessen the likelihood of them developing heart failure by actually saving the muscle following a heart attack," says Lopaschuk. "The end result is that there will be less damage to the heart."

Lopaschuk has received support from AHFMR's Technology Commercialization Program, the MRC, the Heart and Stroke Foundation of Alberta and the Northwest Territories and the Canadian Diabetic Association. Lopaschuk started his own company called Metabolic Modulators Research Ltd. to help him commercialize the drugs and any spin-offs.

The new drugs are in clinical trials and while their use may be a few years away,

Lopaschuk is excited about the range of use for the drugs. "We perceive this happening in a number of occasions. One is for patients who come into the emergency room after a heart attack. It can be used orally in the setting of angina where people get chest pain due to lack of oxygen to the heart and it can lessen the likelihood of getting an angina attack or lessen the severity of the angina attack," says Lopaschuk. The drug also has applications in patients after cardiac surgery and in infants requiring heart operations.

Lopaschuk has been working with Heritage researcher and pediatric cardiovascular surgeon, Dr. Ivan Reybeka, and pediatric cardiologist, Dr. Ruth Collins-Nakai, to test some of the new compounds on desperately sick newborns. "The same problems that occur with an adult with a heart attack occur in an infant who has to undergo heart surgery—they use too much fat. The benefit is actually greater with this approach in infants," says Lopaschuk.

Lopaschuk says between 300 to 400 children have operations in Alberta every

We're making the heart do more work with less oxygen.

- Dr. Lopaschuk

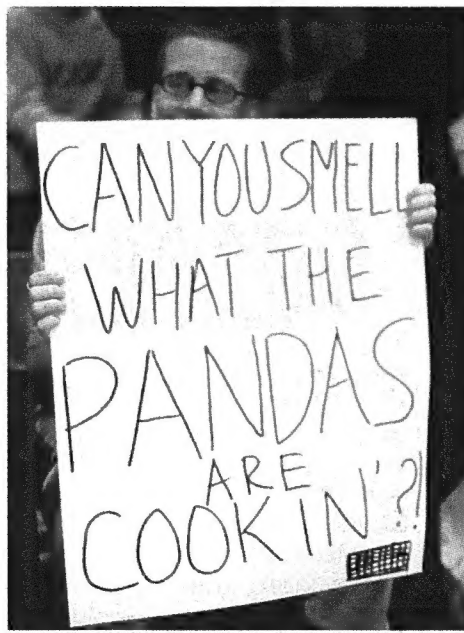


Tina Chang

Dr. Lopaschuk

year for congenital heart defects, with Edmonton the surgical centre for much of Western Canada.

The results in infants have been promising. And helping them makes Dr. Lopaschuk's heart feel good. ■



U OF A GOLDEN BEARS AND PANDAS MAKE WAVES ACROSS THE COUNTRY

By Phoebe Dey

University of Alberta athletes cleaned up in awards this season. Here are some of the outstanding national achievements made by Golden Bears and Pandas.

PANDAS VOLLEYBALL:

- **Jenny Cartmell:** CIAU Player of the year; CIAU Tournament MVP; CIAU First Team All-Canadian and CWUAA Most Valuable Player; led CIAU, CWUAA and the Pandas in kills, with 307 in 63 games played.
- **Christy Torgerson:** CIAU Tournament All-Star, CIAU Second Team All-Canadian and CWUAA All-Star team
- **Katrin Schnadt:** CIAU All-Star team

GOLDEN BEARS VOLLEYBALL:

- **Murray Grapentine:** CIAU Player of the year, CIAU Tournament All-Star
- **Pascal Cardinal:** CIAU Rookie of the year
- **Terry Danyluk:** CIAU Coach of the year

PANDAS HOCKEY:

- **Lori Shupak:** CIAU Tournament MVP, CIAU First Team All-Canadian and CWUAA All-Star Team
- **Kristy Lorenz:** CIAU Tournament All-Star

PANDAS SOCCER:

- **Sarah Joly:** CIAU Player of the year

We are the Champions!

Victory leads list of stellar achievements for University of Alberta athletics

By Phoebe Dey

It was a storybook ending for what wasn't expected to be a fairy-tale year for the University of Alberta's Pandas volleyball team.

In dramatic fashion, the young team clinched its fifth consecutive national title by beating the University of British Columbia Thunderbirds three games to one in front of 2449 people at the varsity gym March 6. The U of A is the second women's volleyball team to five-peat, with the Winnipeg Wesmen claiming six consecutive championships from 1983-1988.

With seven rookies on the team, there were doubts about the Pandas defending their title. They had, after all, lost to the Thunderbirds in Canada West play-offs and came into the Canadian Interuniversity Athletics Union (CIAU) national tournament in third place.

There are no doubters now.

U of A first swept the University of Montreal in three games Thursday to advance to the semi-finals against the No.2 ranked Manitoba Bisons. The Pandas dropped the first game 15-7 to Manitoba,

but came back and won the next three games.

In front of a home crowd and live on The Sports Network, the Pandas had trouble shaking off pre-game jitters and watched the No.1-ranked Thunderbirds take an early 6-0 lead in the first game of the best of five series. But the U of A soon rallied back and won the first game 17-15. In game two, long rallies, deep digs and top-notch volleyball action ended in favor of UBC 15-13.

Although veteran players Jenny Cartmell and Christy Torgerson were outstanding, the entire team worked hard to win the next two games and the title, with scores of 15-11 and 15-12.

"I don't know how there could be doubters now," said Coach Laurie Eisler, who has taken her troops to nationals seven of the eight years she has been at the university. "Everyone contributed, we didn't change the way we played and we stayed aggressive."

The 1994-95 season marked the first time the Pandas won a national volleyball title. Winning a fifth speaks volumes about Eisler and the program at the U of A.

"What sets us apart is a lot of really important qualities learned through

Pandas clinch fifth straight national volleyball title

sport," she said. "We pursue our goals and at the University of Alberta we teach our athletes how to achieve those goals. It doesn't mean we're always going to win but it means we're always going to strive to be the best."

Striving to be the best is a familiar phrase in Jenny Cartmell's vocabulary. The fourth-year power hitter and team captain from Sherwood Park was voted CIAU Player of the Year, CIAU National Tournament MVP and Canada West's MVP. Although she credits the entire team for its hard work, playing in front of a hometown crowd helped, she said.

"Our fans are incredible and psychologically they get us going," said the 21-year-old physed student. "We've got this in our memory bank now and we're going to bring those same feelings back to use again next year."

While the Pandas aren't losing any graduating players, Eisler wouldn't be surprised if Cartmell and Torgerson are snapped up by the national team. The duo may not be the only athletes to garner national attention. After leading the Pandas hockey team to a silver medal performance at CIAU nationals in Toronto two weeks ago, Lori Shupak has also been turning heads.

"This is only her first year and I think she has a shot at the national team if she keeps improving and working hard," said Coach Howie Draper about Shupak, who was named CIAU Tournament MVP.

Shupak's rise is parallel with that of her team. In only its second year of existence it has accomplished much. Last year it won Canada West and finished fifth at nationals. This year the squad defended its Canada West title and lost 2-0 to the heavily-favored Concordia Stingers in the national finals. While the team's goal was to finish in the medals, the Pandas didn't know if bringing home a silver was realistic.

It obviously was. Sharing a rink with the legendary Golden Bears hockey program has helped.

"With the history and the values that are present in the Golden Bears, you can't help but feed off that and want to emulate it," said Draper, a former captain with the Bears.

The hockey team's silver medal is indicative of other noteworthy performances by U of A teams this year. The men's volleyball team smashed its way to a bronze medal at nationals in Quebec City two weeks ago. A victory over Western University landed the Bears a spot in the semi-

finals where they lost to the University of Saskatchewan in five games. Saskatchewan went on to win the national title.

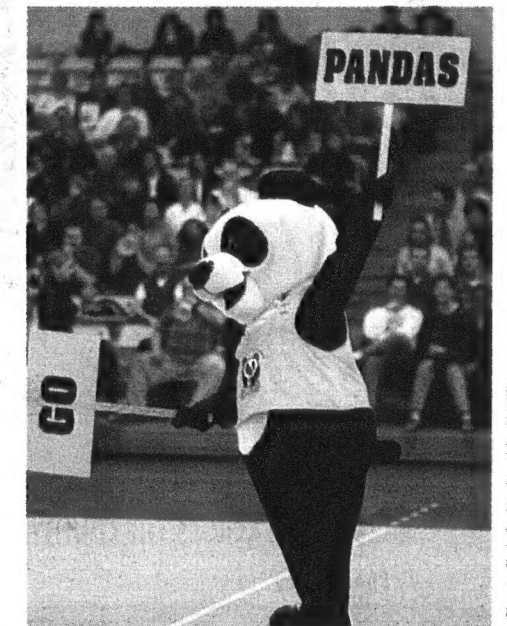
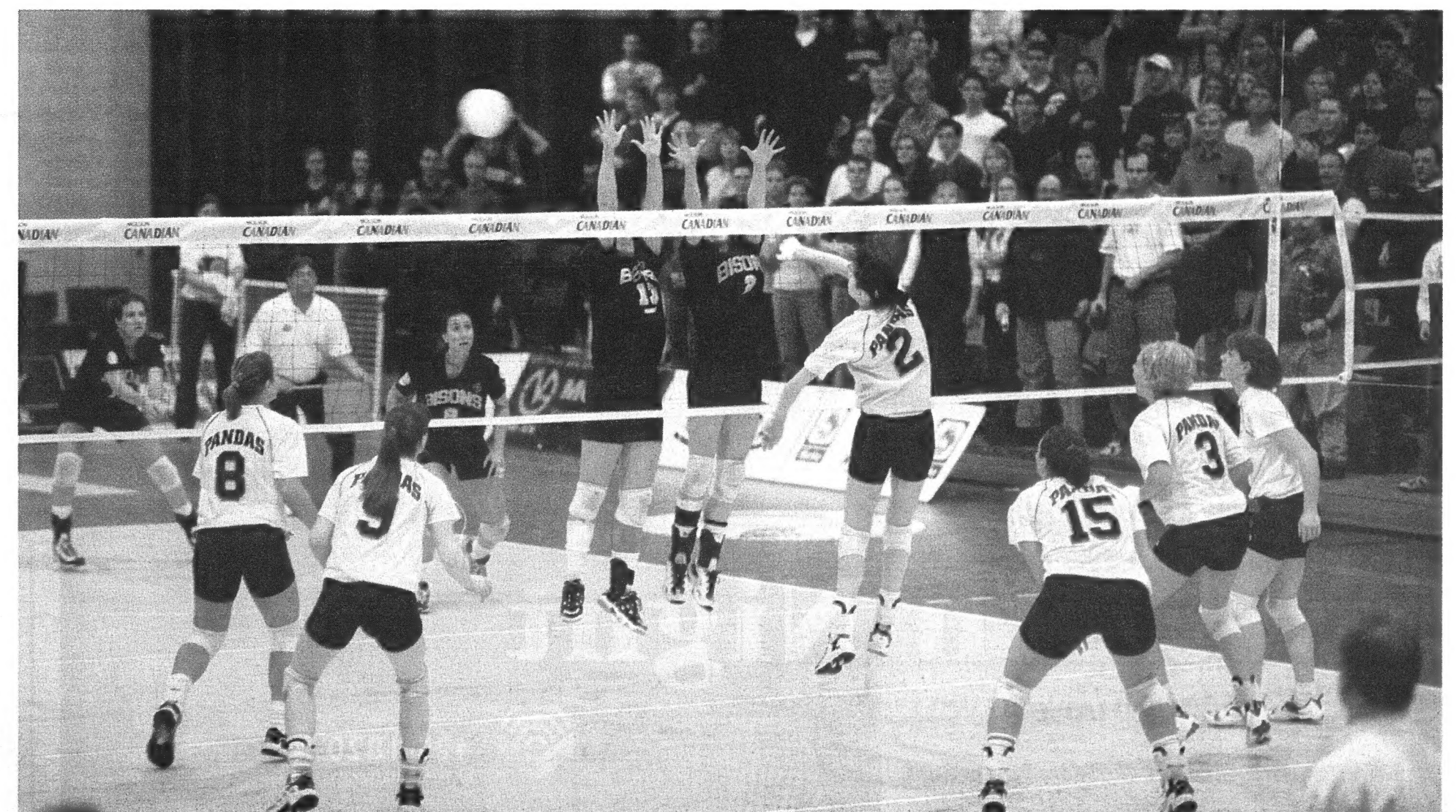
CIAU Coach of the Year, Terry Danyluk, led his team to gold in the 1996-97 season and has won four conference titles in five seasons.

The Pandas and Bears didn't stop there.

In the first season for CIAU women's wrestling competition, Shannon Mathie

went undefeated in nationals in Guelph two weeks ago to win the gold in the 65-kg category for U of A. Melissa Hillaby competed in the 48-kg category and notched two wins and one loss for a second-place finish. Golden Bear and Canada West champion in the 130-kg class, Carlo Panaro, registered three wins and one loss for a second-place finish.

And that, U of A fans, is "The End" to this fairy tale—for now. ■



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VISITING LECTURE

JOHN HUME

1998 NOBEL PEACE PRIZE
LAUREATE

SUNDAY, MARCH 14, 1999
3:00 PM
TORY LECTURE THEATRE
(TL-11)

Tickets are \$10.00 each from Ticketmaster (451-8000)
(proceeds support the Visiting Lectureship in Human Rights)

John Hume received the Nobel Peace Prize jointly with David Trimble
for their role in the Good Friday Agreement of April 1998.
This agreement set out the terms of the cease-fire in Northern Ireland.

If you require additional information
please contact Von Whiting at 492-9944.

talks

Submit talks to Tamie Heisler-Schafer by 9 a.m. one
week prior to publication. Fax 492-2997 or e-mail at
public.affairs@ualberta.ca.

ADDITIONS STUDIES CERTIFICATE PROGRAM

March 24, 7 pm

Garry Smith, "Trends and Public Policy Issues in
the Canadian Gambling Scene." RSVP to Connie
Wildman, 492-5532. 239 Corbett Hall.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

March 15, 10 am

Philip Wong, Assistant Professor, Department of
Pathology, The Johns Hopkins University School of
Medicine, "Copper Chaperone for SOD1(CCS) and
Molecular Mechanisms of Amyotrophic Lateral Sclerosis." Presented by Cell Biology. 5-10 Medical Sciences Building.

March 15, 11 am

David J. Trigg, Vice-Provost for Graduate Education and Research and Dean of the Graduate School, State University of New York at Buffalo, "The Pharmaceutical Sciences in the Next Millennium." 2031 Dentistry-Pharmacy Centre.

March 19, 1 pm

Henkjan Verkade, Department of Pediatrics, University of Groningen, The Netherlands, "Uncoupling of Intestinal Lipid Absorption From Chylomicron Production?" Sponsor: Pediatrics. Classroom F, 2J4.02 Mackenzie Health Sciences Centre.

March 22, 10 am

Ivan R. Nabi, Associate Professor, Département de pathologie et biologie cellulaire, Université de Montréal, "Dual Pathways of Internalization of Auto-crine Motility Factor Receptor (AMF-R)." Presented by Cell Biology. 5-10 Medical Sciences Building.

March 25, 10 am

Robert V. Farese Jr, University of California, Gladstone Institute, San Francisco, "Neutral Lipid Metabolism: Cloning and Functional Analysis of ACAT and DGAT Genes." Classroom D, 2F1.04 Mackenzie Health Sciences Centre.

ANTHROPOLOGY

March 12, 3:30 pm

Panel Discussion: Robert L. Bettinger, University of California, Davis; David Anderson, University of Alberta; Pamela Willoughby, University of Alberta, "The Concept of Evolution in Hunter-Gatherer Research." Locations TBA - contact the Department of Anthropology at 492-3879 for further details.

BIOLOGICAL SCIENCES

Department of Biological Sciences

March 12, 2:30 pm (refreshments available at 2:15 pm)

Joe Dulka, "Steroid-Induced Plasticity in Brain and Behavior in Weakly Electric Fish." V-121 Physics V-Wing.

March 19, 2:30 pm (refreshments available at 2:15 pm)

Frederik Nijhout, "Windows of Opportunity: Control Mechanisms of Polyphenic Development in Insects." V-121 Physics V-Wing.

March 26, 3:45 pm (refreshments available at 3:15 pm)

James Tumlinson, "Chemical Signaling in Tritrophic Plant-Insect Interactions." 3-27 Earth Sciences Building.

Ecology Seminar Series (part of the Biology 631 series)

March 19, noon

Dave Wise, "Trophic Complexities on the Forest Floor—What Roles do Spiders Play?" G-116 Biological Sciences Centre.

March 26, noon

Jan Volney, "Scipio's Ghost at Zama: Budworms and Stand Dynamics." G-116 Biological Sciences Centre.

Molecular Biology and Genetics Research Group (part of the Genetics 605 series)

March 12, 3:30 pm

Gabrielle Boulianne, "The Role of Presenilin in the Notch Signalling Pathway." Supported by AHFMR. G-116 Biological Sciences Centre.

Physiology and Cell Developmental Biology Seminar Series (part of the Biology 642 series)

March 24, noon

Jim Young, "Molecular Mechanisms of Nucleoside and Nucleoside Drug Transport." G-116 Biological Sciences Centre.

BROADUS LECTURE

Stephen Slemon, "Thug Life: Travels of a Colonial Stereotype."

March 22, 4 pm

"Strangers in the Night." L-3 Humanities Centre.

March 24, 4 pm

"The Measure of Abomination." L-3 Humanities.

A reception will follow this lecture.

CANADIAN FEDERATION OF UNIVERSITY WOMEN (EDMONTON)

March 15, 7 pm

Olive Senior, Writer-in-Residence, "Creative Writing and Publishing." The evening will also be the "Showcase of Members Who Write", and all members are invited to bring their published books and articles for display. All women University graduates are welcome. Information: 469-8322. Faculty Club, 11435 Saskatchewan Drive.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

March 15, 3:30 pm

Volodymyr Kulyk, Institute of Political and Ethnopolitical Studies, National Academy of Sciences of Ukraine, and John Kolasky Memorial Fellow, "Ukrainian Nationalism in Independent Ukraine" (in Ukrainian). 352 Athabasca Hall.

CHEMICAL AND MATERIALS ENGINEERING

March 18, 3:30 pm

Jason Melanson, "Effluent Recycling in a Kraft Pulp Mill". 345 Chemical and Materials Engineering Building. Website: <http://www.ualberta.ca/chemeng> (NEWS & EVENTS).

CHEMISTRY

March 15, 11 am

Kim Janda, Department of Chemistry, Scripps Research Institute, La Jolla, California, "Antibodies for Catalysis and the Abatement of Drug Abuse." V-107 Physics Wing.

EARTH AND ATMOSPHERIC SCIENCES AND THE SOCIETY OF ECONOMIC GEOLOGY STUDENT CHAPTER

March 19, noon

Parick Williams, James Cook University, Townsville, Australia, "Proterozoic Cu-Au Deposits of Australia." 3-36 Tory Building.

ENGLISH

March 22, 2 pm

Reading by Dave Duncan. 4-29 Humanities Centre.

ENTOMOLOGY

March 18, 4 pm

David H. Wise, Department of Entomology, University of Kentucky, Lexington, "Biocontrol of Vegetable Pests by Generalist Predators—Good Guys, Bad or Both?" TBW-1 Tory Breezeway.

FEATURING JEFF HASLAM, KATE RYAN, JOHN WRIGHT with

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JULIANNA BARCLAY
OLIVER BECKER
CHRISTOPHER CRADDOCK

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The Journal

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ENVIRONMENTAL RESEARCH AND STUDIES CENTRE

March 17, 4:30 pm

Bob McKeon, "Climate Change and Greenhouse Warming—Technological Problem or Spiritual Crisis." Alumni Room, Students' Union Building.

March 24, 4:30 pm

Wolfgang Sachs, Distinguished Visitor from the Wuppertal Institute for Climate, Energy and the Environment, "Sustainable Development: The Political Anatomy of an Oxymoron." Alumni Room, Students' Union Building.

FOREST INDUSTRY LECTURE SERIES

March 25, 3:30 pm

David Emerson, President and CEO, Canadian Forest Products Ltd., "A Handbook for Would-Be CEO's: Reinventing the Forest Industry Starting at the Roots." B-1 Tory Lecture Theatre.

HISTORY

March 18, 3:30 pm

John Vanderspoel, "Barbarian Generals and Roman Women: Marriage as Entrance to the Late Antique Elite." 2-58 Tory Building.

March 23, 3:30 pm

John Mackenzie, "God-Given Order Out of Chaos: Missionaries and the Environment." 2-58 Tory Building.

HUMAN ECOLOGY

March 18, noon

Ruby Tsang, "Teenagers and Sun Protection" and Catherine Anderson, "Predicting Comfort of Protective Clothing." 3-05 Human Ecology Building.

March 25, noon

Anne Lambert, "I'm So Glad You Really Want to See This: Use of Video in Qualitative Research." 3-05 Human Ecology Building.

INSTITUTE FOR PUBLIC ECONOMICS

March 22, 3:30 pm

Serge Coulombe, University of Ottawa, "Convergence, Urbanization, the Oil Shock, and Québec's Decline: A Model of Canadian Provincial Disparity." 8-22 Tory Building.

INSTITUTE FOR PUBLIC ECONOMICS POLICY WORKSHOP

March 23, 3:30 pm

Economic Growth and Provincial Disparity — A New View of an Old Canadian Problem." 1-93 Tory Building.

INSTITUTE OF GEOPHYSICS, METEOROLOGY AND SPACE PHYSICS AND APPLIED MATHEMATICS INSTITUTE

March 18, 3 pm

Gary Glatzmaier, University of California, Santa Cruz, "Numerical Simulations of Geophysical and Astrophysical Fluid Dynamics." P-361 Physics Building.

INTERNATIONAL INSTITUTE FOR QUALITATIVE METHODOLOGY

March 23, 2:30 pm

Arthur Frank, University of Calgary, "The Narrative Turn: Knowledge for Whom, About What?" 2-117 Clinical Sciences Building.

JOHN DOSSETOR HEALTH ETHICS CENTRE

March 19, noon

Rebecca Davis Mathias, "Transgenic Manipulation." 227 Aberhart Centre Two.

NURSING

March 19, noon

Olive Yonge, "Mental Health Nursing In Peru." 6-107 Clinical Sciences Building.

OFFICE OF THE PRESIDENT

March 18, 10 am

Staff and students are invited to participate in a symposium examining "Canada and its roles and Relationship with its fellow American States and Globalization." Canadian Ambassadors to the Organization of American States, Colombia, Jamaica and the Dominican Republic will be in attendance. For information contact Marcie Brulotte at 492-3212 or mbrulott@ualberta.ca. Stollery Centre, 4th Floor, Business Building.

PERINATAL RESEARCH CENTRE

March 16, noon

David Olson and Jocelynn Cook, "Human Models for Animal Physiology." 207 Heritage Medical Research Centre.

PHARMACOLOGY

March 15, 11 am

David J. Trigg, SUNY Distinguished Professor, Vice Provost for Graduate Education and Research, Dean of the Graduate School, State University of New York, University of Buffalo, "Calcium Channel Antagonists: Mechanisms of Action and Definition of Structure-Function Relationship." 9-68 Medical Sciences Building.

PHILOSOPHY

March 19, 3:30 pm

Rod Wiltshire, Alberta Justice (Constitutional and Aboriginal Law), "The Hierarchy of Seisen and Distributive Justice." 4-29 Humanities Centre.

March 26, 3:30 pm

Robert Batterman, Department of Philosophy, Ohio State University, "Multiple Realizability and Universality." 4-29 Humanities Centre

PHYSICS

March 18, 2 pm

Robert Kowalewski, University of Victoria, "Where's the Anti-Matter?" V-129 V-Wing.

March 19, 3:15 pm

Gary A. Glatzmaier, University of California, Santa Cruz, "Numerical Simulations of the Geodynamo: Inner Core Rotation and Magnetic Reversals." V-129 V-Wing.

PHYSIOLOGY

March 12, 3:30 pm

Doug Green, La Jolla Institute of Allergy and Immunology, "The Roads to Ruin: Mechanisms and Functions of Apoptotic Pathways." 207 Heritage Medical Research Centre.

March 26, 3:30 pm

Da-Neng Wang, Skirball Institute of Biomolecular Medicine, New York University Medical Center, "Over-Expression, Purification and Crystallization of Membrane Transporters." 207 Heritage Medical Research Centre.

POLITICAL SCIENCE

March 15, 3 pm

Sue Minsos, "To the Manner Born: Culture Clubs and the Art of Living Together." 10-4 Tory Building.

March 24, 3 pm

Wendy Brown, Women's Studies, University of California, Santa Cruz, "The Doctrine of Toleration in the Age of Identity." 10-4 Tory Building.

PUBLIC HEALTH SCIENCES

March 24, noon

Doug Wilson, "The Provincial Health Council of Alberta: A Three Year Perspective." Classroom D (2F1.04) Mackenzie Health Sciences Centre.

RENEWABLE RESOURCES

March 18, 12:30 pm

Chris Powter, Head, Issues Management Branch, Land Reclamation Division, Alberta Environmental Protection, "Regulatory Framework for Oil Sands Land Reclamation." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

March 15, 3 pm

Carolyn Kreber, "Becoming a Scholar of Teaching: A Self-Directed Process." 281 CAB.

March 16, 3:30 pm

Graham Chambers, Gretchen Hess, and Joanne McKinnon, "Cheating, Plagiarism, Misrepresentation of Facts." 281 CAB.

March 17, 3 pm

Leslie Vermeer, "Anyone Can Edit: But Can You Enjoy It?" 281 CAB.

Maryanne Doherty-Poirier, "Organizing Course Content." 281 CAB.

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Our students consistently rank in the top 5 percent in district and local achievement tests, but that's only one reason to consider Belgravia Elementary School. We're a small school, and we pride ourselves on giving each child the personal attention that makes learning a positive and enriching experience.

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We're located in a quiet, safe neighbourhood just south of the University of Alberta. Come by and see for yourself why we think Belgravia Elementary School is a smart choice.

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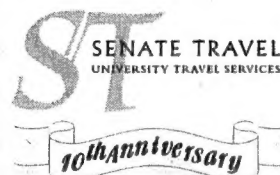
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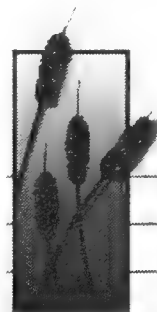
Alumni Room, Students' Union Building
University of Alberta

Sustainable Development:

The political anatomy of an oxymoron

Dr. Wolfgang Sachs, an internationally-renowned thinker on global development and environmental issues, will be a Distinguished Visitor at the University of Alberta, from March 22-26, 1999.

Dr. Sachs has made important contributions to development debates. His writing is highly interdisciplinary, addressing the cultural, philosophical, scientific and technological dimensions of the global crises of poverty and ecological destruction.



**Environmental
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Contact: Beverly.Lewis@ualberta.ca
http://www.ualberta.ca/ERSC
Tel: 492 5825

This event is made possible by funding from
TransAlta, Departments of Art and Design and Political Science,
and the EFF Distinguished Visitor Fund

And the Oscar goes to...

It's that time again...Academy Award time. And Folio wants to hear your picks for 1999.

Tell us what your Top 6 choices are, and two winners will receive double guest passes for the Princess Theatre, courtesy of the Princess Theatre.

The deadline is **Friday, March 19, 2 p.m.** Check off your answers below, include your full name and contact number, and send it in campus mail to: 400 Athabasca Hall. Winners will be announced in the March 26 edition of Folio.

Here are some random campus picks:



Royston Greenwood,
associate dean external,
Faculty of Business

Best actor: "Nick Nolte because he has paid his dues and is almost a

good actor."

Best actress: "Cate Blanchett because she is Australian and very captivating. I really like Gwyneth Paltrow because she speaks English better than the Brits, but Cate has that magic."

Best supporting actress: "Judi Dench because the Academy will feel guilty about not giving her the Oscar last year for 'Mrs. Brown.'"

Best picture: "'Shakespeare in Love.' Trouble is, the Private Ryan film is really a very American film (U.S. heroes, U.S. victory, lots of blood, cardboard characters, lots of noise and no subtlety) but after giving the Oscar last year to that terrible Titanic, the Academy might just have the wit to recognize a really clever film."

Best director: "Steven Spielberg because the best picture and director awards almost always go together (they have been separate only twice in the last 15 years) and since I believe that Ryan might pip my Shakespeare choice, and I want to win this competition, I go for Spielberg."



Emily Rowan, communi-
cations associate,
Industry Liaison Office

Best actor: "Tom Hanks. He is going to win simply because the Acad-

emy wants to relive the 'Ol' Jimmy Stewart days' and Tom Hanks is as close as it gets to Jimmy reincarnated. They also want the publicity that will go along with Tom winning three Oscars which will be some sort of record apparently."

Best supporting actor: "Geoffrey Rush. He is simply the best in this category. I thought he was going to be nominated for his role in 'Elizabeth' actually."

Best supporting actress: "Ah, hello but is there any doubt? Judi Dench just because she has been such an outstanding actress for so many years and it is time for her to win."

Best picture: "'Saving Private Ryan.' The Academy is full of older people who lived through WWII and will want this picture to win as a way to acknowledge the men and women who lost their lives in that war. It will be a sentimental win and frankly well deserved. I thought the movie was very good."



Merle Martin, receptionist, Office of External Affairs

Best actor: Roberto Benigni

Best supporting actor: Billy Bob Thornton

Best picture: Life is Beautiful

Best director: Roberto Benigni

"'Life is Beautiful' is the one 'must see' this year but for sheer delight and beauty it is pretty hard to beat 'Shakespeare in Love.' I expect 'Saving Private Ryan' is going to be a big winner."

The only two movies in the list of my chosen winners I haven't seen yet are 'A

Simple Plan' and 'Central Station' so my choices are gut-feeling expectations. 'A Simple Plan' was strongly recommended by U of A alumnus Dale Jacobs who teaches film studies down in East Carolina University in Greenville, N. C., and who just happens to be my son-in-law. 'Kolya' which won best foreign film a couple of years ago is another of my still 'must see' recommendations and I expect 'Central Station' will be similar in opportunity for transformation of a character (Fernanda Montenegro).

And the nominees are:

Best Actor:

- ☐ Roberto Benigni, LIFE IS BEAUTIFUL
- ☐ Tom Hanks, SAVING PRIVATE RYAN
- ☐ Ian McKellan, GODS AND MONSTERS
- ☐ Nick Nolte, AFFLICTION
- ☐ Edward Norton, AMERICAN HISTORY X

Best Supporting Actor:

- ☐ James Coburn, AFFLICTION
- ☐ Robert Duvall, A CIVIL ACTION
- ☐ Ed Harris, THE TRUMAN SHOW
- ☐ Geoffrey Rush, SHAKESPEARE IN LOVE
- ☐ Billy Bob Thornton, A SIMPLE PLAN

Best Actress:

- ☐ Cate Blanchett, ELIZABETH
- ☐ Fernanda Montenegro, CENTRAL STATION
- ☐ Gwyneth Paltrow, SHAKESPEARE IN LOVE
- ☐ Meryl Streep, ONE TRUE THING
- ☐ Emily Watson, HILARY AND JACKIE

Best Supporting Actress:

- ☐ Kathy Bates, PRIMARY COLORS
- ☐ Brenda Blethyn, LITTLE VOICE
- ☐ Judi Dench, SHAKESPEARE IN LOVE
- ☐ Rachel Griffiths, HILARY AND JACKIE
- ☐ Lynn Redgrave, Hanna in GODS AND MONSTERS

Best Picture:

- ☐ ELIZABETH
- ☐ LIFE IS BEAUTIFUL
- ☐ SAVING PRIVATE RYAN
- ☐ SHAKESPEARE IN LOVE
- ☐ THE THIN RED LINE

Best Director:

- ☐ LIFE IS BEAUTIFUL, Roberto Benigni
- ☐ SAVING PRIVATE RYAN, Steven Spielberg
- ☐ SHAKESPEARE IN LOVE, John Madden
- ☐ THE THIN RED LINE, Terrence Malick
- ☐ THE TRUMAN SHOW, Peter Weir

Name:

Telephone:

Send to: 400 Athabasca Hall by Friday, March 19th, 2 pm. Two winners will receive guest passes to Princess Theatre.

events

EXHIBITIONS

EXTENSION CENTRE GALLERY

Until March 31

"Sense and Memory"—drawings by Linda Carreiro and Liz Ingram. Gallery hours: Monday to Friday, 8:30 am to 4:30 p.m. Information: 492-3034. 2-54 University Extension Centre.

FAB GALLERY

March 16 to 28

"Damaged Goods Inventory"—senior printmaking exhibition. Sponsored by KPMG Management Consulting.

March 16 to 28

"Nancy Fox: Linear Spin"—this exhibition is the final visual presentation for the degree of Master of Fine Arts in Printmaking. Gallery hours: Tuesday to Friday, 10 am to 5 p.m.; Sunday, 2 to 5 p.m., Monday, Saturday and statutory holidays, closed. 1-1 Fine Arts Building.

MUSIC

DEPARTMENT OF MUSIC

March 13, 7 p.m.

"Lands of Songs"—the University of Alberta Concert Choir Fund Raising Event featuring the University of Alberta Concert Choir, Ukrainian Centennial Men's Chorus and Dance of Universal Peace. Information: 492-2384 or 986-6370. Admission: \$15/adult, \$12/student/senior. Bonnie Doon Community League, 9240 - 93 Street.

March 14, 2 p.m.

Master of Music Recital—Jolaine Kerley, soprano. Convocation Hall, Arts Building.

March 14, 8 p.m.

The University of Alberta Academy Strings—Tanya Prochazka, conductor. Program will include works by F Mendelssohn Burak, Tchaikovsky, and Bach with viola soloists Brianne Archer and Sheldon Person. Admission: \$10/adult, \$5/student/senior.

March 17, 8 p.m.

The University of Alberta Symphonic Wind Ensemble Concert. Fordyce Pier, director. Program will include works by Sparke, Britten, Marcello, and Camphouse. Admission: \$10/adult, \$5/student/senior. Convocation Hall, Arts Building.

March 19, 5 p.m.

Visiting Artists Recital featuring Jonathan Hilton, saxophone. Admission: \$10/adult, \$5/student/senior. Convocation Hall, Arts Building.

March 20, 8 p.m.

Master of Music Recital—Susan Ward, piano. Convocation Hall, Arts Building.

March 22, 12:10 p.m.

Music at Noon—Convocation Hall Student Recital Series featuring students from the Department of Music. Convocation Hall, Arts Building.

March 22, 3 p.m. and March 23, 10 a.m.

Masterclasses with world-renowned cellist Janos Starker. Admission: Per masterclass for observers will be \$10/students/seniors, \$20/non-students or \$30 for both classes. Information: Laura, 487-6875; Tanya, 492-9410; Department of Music, 492-0601. Convocation Hall.

March 23, 8 p.m.

World Music Concert featuring fiddler Frank Leahy and violinist Eduard Minevich in a hilarious revue (mixed with serious stories about their different traditions). Admission: \$10/adult, \$5/student/senior. Tickets: 492-8211 or 492-0601. Timms Centre foyer.

March 27, 8 p.m.

Faculty Recital featuring organist Marnie Giesbrecht. Admission: \$10/adult, \$5/student/senior. Convocation Hall, Arts Building.

March 28, 8 p.m.

Master of Music Recital—John Brough, choral conducting. Convocation Hall, Arts Building.

UNIVERSITY OF ALBERTA MIXED CHORUS

March 19 and 20, 8 pm

55th Annual Concert, also featuring the Faculty of Education Handbell Ringers—Robert de Frece, Director. Admission: \$12/adult, \$8/students/seniors. Tickets available at the door. Myer Horowitz Theatre, Students' Union Building.

WORKSHOPS

CAREER FORUMS

Week of March 8 and 15

CaPS is hosting the following Career Forums: Environmental & Conservation Sciences; Film & Television; Law; Recreation; and Starting Your Own Business. Call CaPS at 492-4291 or visit the CaPS Homepage @ <http://www.ualberta.ca/caps>.

BUSINESS

March 17, 8:15 am to 4:30 p.m.

The Faculty of Business, University of Alberta, in collaboration with a number of partnering agencies, is pleased to announce a one-day symposium, "Technology commercialization, collaboration, and financing the entrepreneurial venture". \$100 per person (student rate \$50). Deadline for registrations: March 10, 1999. Refreshments and a light lunch will be provided. Salon Level, Shaw Conference Centre. For information on this event contact Dr. Lloyd Steier, 492-5176 or lsteier@ualberta.ca. Website: <http://www.bus.ualberta.ca/tech-com/>.

STANDARD FIRST AID/HEARTSAVER COURSES

April and October

The Office of Environmental Health and Safety has arranged for Standard First Aid/Heartsaver courses to be held on campus once again this year. Training is comprised of two full-day sessions (8 am to 4 p.m.) with morning, lunch and afternoon breaks. The cost is \$80 per person. The first course will be held in early April and the last at the end of October. Registration is limited due to classroom size. For further information and registration forms please call Cindy Ferris, 492-1810 or cindy.ferris@ualberta.ca.

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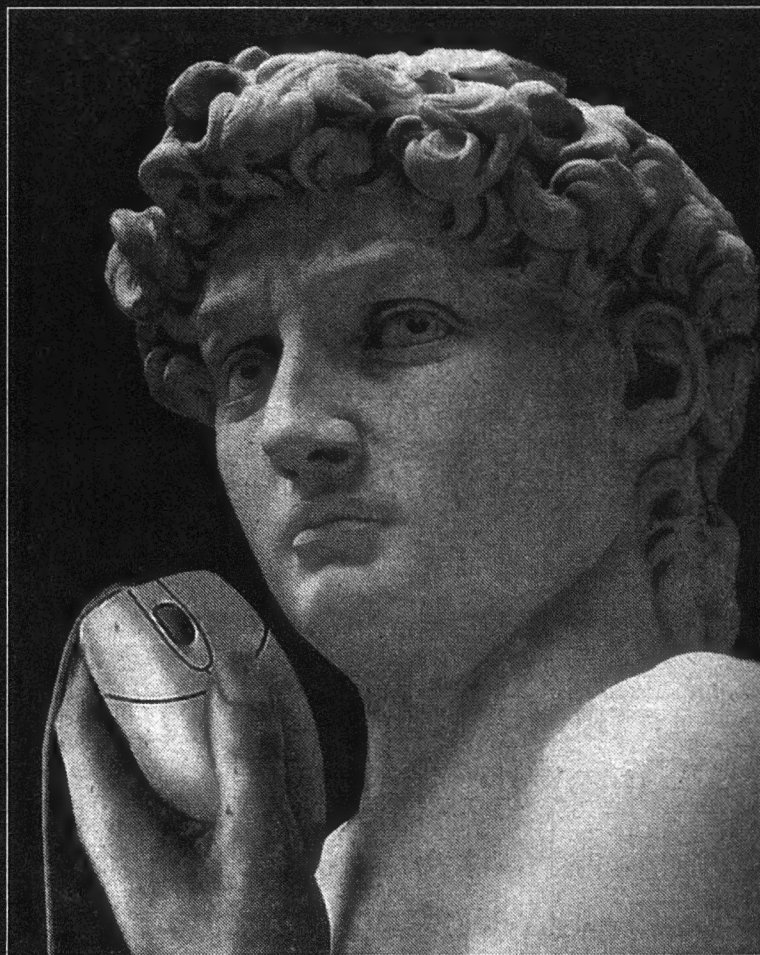
April 9 and 10

Organized by Museums Alberta (Alberta's Museums Association) in partnership with the U of A's Institute for Professional Development—this Symposium aims to summarize participants input toward a shared vision of how museums can contribute to the learning communities they serve, including that of their own staff and organizations. Registration deadline: March 19, 1999. For information please contact Tali Laurenson, Learning Coordinator at Museums Alberta, (780) 424-2657 ext. 226, fax (780) 425-1679, e-mail tali.laurenson@museumsalberta.ab.ca.



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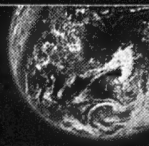
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NOMINATIONS FOR 3M TEACHING FELLOWSHIPS SOUGHT

The University of Alberta has received 18 awards during the 13-year existence of the national 3M Teaching Fellowships Program. In conjunction with the start of the 1999 competition, Bente Roed, director, University Teaching Services (UTS), says, "We have many other outstanding instructors who warrant identification and nominations."

The Fellowships are awarded by the Society for Teaching and Learning in Higher Education and 3M Canada Inc. Any individual currently teaching at a Canadian university (regardless of dis-

cipline or level of appointment) is eligible. An exclusive three-day (November 7 - 9, 1999), all-expenses-paid retreat at the Chateau Montebello is the main component of the award.

Up to 10 awards are given annually. Nomination forms are available from UTS, 215 Central Academic Building, 492-2826. Dossiers are to reach the Society for Teaching and Learning in Higher Education by May 14, 1999, but if a letter from the Vice-President (Academic) is required, the nomination package must reach UTS by April 29.

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To accommodate special guests to the University, reservations can be made using the Hotel Authorization Program (HAP) form which allows post-payment by the hosting department.

These rates are per night and are exclusive of convention conference rates which are established by conference/convention organizers. Rates valid to December 31, 1999 unless otherwise noted, taxes not included.



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positions

The University of Alberta is committed to the principle of equity in employment. As an employer we welcome diversity in the workplace and encourage applications from all qualified women and men, including Aboriginal peoples, persons with disabilities, and members of visible minorities. In accordance with Canadian Immigration requirements, preference will be given to Canadian citizens and permanent residents.

ASSISTANT PROFESSOR DEPARTMENT OF HUMAN ECOLOGY

The Department of Human Ecology invites applications for a tenure-track assistant professor in the area of family/consumer studies. The department is part of the Faculty of Agriculture, Forestry and Home Economics. For an overview of the department and faculty, please see www.afhe.ualberta.ca.

The department offers several undergraduate majors: Family and Consumer Studies; Textiles, Clothing and Culture; and Community Studies. The masters program is well established and our new PhD program will be launched in September, 1999. Within the family/consumer studies area, we have a strong commitment to working with families and consumers through education, counseling, advocacy and policy development. A recent \$4.1 million renovation to the Human Ecology Building has provided the department with excellent facilities for conducting and teaching social-science research including in-depth survey, focus group, and observational research.

Responsibilities for this position include:

- 1 teaching at the undergraduate and graduate levels
- 2 supervising masters and PhD students
- 3 establishing an independent research program that contributes to a substantive area in policy development in issues affecting families, consumers, and their communities
- 4 performing administrative roles at the department, faculty and university levels

The successful candidate will have demonstrated leadership ability and is expected to develop a strong research program consistent with the department's commitment to multi-method, collaborative research. Qualifications include a PhD in family studies or a related field and demonstrated teaching excellence. Salary range is commensurate with experience at the level of assistant professor. The 1998-99 salary range for assistant professors is \$40,638 - \$57,510.

Interested applicants are invited to submit the following:

- 1 curriculum vitae including a list of publications
- 2 the names of three referees
- 3 a sample article
- 4 a statement of research and teaching interests

For further information, please contact Dr. Gibson at (780) 492-3883 or fax (780) 492-4821, or e-mail: nancy.gibson@ualberta.ca. We thank all applicants for your interest in this position.

To ensure consideration, please respond by May 31, 1999 to:

Dr. Nancy Gibson, Chair
Department of Human Ecology
3-02E Human Ecology Building
University of Alberta
Edmonton, Alberta T6G 2N1 Canada

In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. If suitable Canadian citizens and permanent residents cannot be found, other individuals will be considered.

INSTRUCTIONAL DESIGNER CONTRACT POSITION

Academic Technologies for Learning at the University of Alberta is seeking a highly skilled and motivated instructional designer. This is initially a six-month contract position with possibility of renewal. The position involves working effectively on course-development teams and assisting faculty in the development of network and multimedia based university level courses. The successful applicant will have formal training at the master's degree level (minimum) in instructional design, curriculum development, adult education and/or educational technology. Specific skills using the Internet for course development and delivery (i.e. Internet tool skills, HTML authoring and computer conferencing experience) are desirable. The successful applicant will be self-motivated, able to work under minimal supervision and have excellent communication skills and be able to meet tight course production deadlines.

Salary: \$3500/month.

Closing Date for Applications: March 22, 1999

For more information contact:

Dr. Terry Anderson
Director, Academic Technologies for Learning
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492-1183 or e-mail Terry.Anderson@UAlberta.ca
This ad is directed towards Canadian citizens.

ASSOCIATE REGISTRAR/ DIRECTOR OF RECORDS

The University of Alberta seeks an energetic, service-oriented professional to manage its student record-keeping functions.

The Office of the Registrar and Student Awards provides support systems to 30,000 students and their faculties. The associate registrar/director of records reports to the associate vice-president and registrar, and manages 29 team members.

This position offers variety on numerous managerial fronts. The incumbent is responsible for program planning and directing the following undergraduate student areas: records management, marking and grading, course time-tabling and scheduling, exams scheduling, registration and student fees assessment, administration of Open Studies and other special registrations.

If you are the successful candidate, your background includes extensive experience in an automated student record-keeping environment, a master's degree and proven dedication to customer service in the registrarial profession. You have excellent interpersonal skills, both oral and written. You have expert analytical skills. Your extensive experience with student information systems will be well used in the leadership role you will play in the introduction of a new Student Information System.

The closing date for receipt of applications is March 31, 1999.

Current salary ranges from \$48,155 to \$72,227. Send a letter of application, resume and list of three professional references to:

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DONATE BLOOD

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Please donate blood at: East CAB – Main Floor (just outside Cameron Library), **Friday, March 26, 1999, 11:00 a.m. – 3:00 p.m.** More than 120 units of life-saving blood need to be collected. Strong collections on Fridays are essential to maintaining safe levels of blood stocks throughout the weekend. For more information, call the Edmonton Blood Centre at 431-1122 or 431-0202. Please eat a low fat meal prior to donating and bring picture ID. Become a hero. Save a life. Donate Blood.

MACTAGGART WRITING AWARD

Faculty of Arts students are advised of an essay-writing competition to be held this spring. This competition is to encourage students and faculty to gain an appreciation of the joys of creative writing and travel. There are no prescribed topics for the essay. Prize value (up to \$10,000) is dependent upon the travel plans proposed by the winner. For judging criteria and further information, please contact the Faculty of Arts. The deadline is Friday, April 30, 1999 at noon. Essays must be submitted to: Office of the Dean of Arts, 6-33 Humanities Centre. Winners will be announced May 31, 1999.

\$20,000 MAGNA FOR CANADA SCHOLARSHIP FUND

The Magna for Canada Scholarship Fund rewards university, college and CEGEP students for the most innovative vision and solutions for guiding Canada into the next century. Students must answer: "If you were Prime Minister of Canada, what political vision would you offer to improve our living standards?" There are more than \$300,000 in prizes to be won by 50 semi-finalists, 10 regional winners and a national winner.

Deadline for essays is June 15, 1999. Application details available at www.asprimeminister.com or by calling 1-800-97-MAGNA. A book of winning essays will be available in Chapters bookstores November, 1999.

RETIREMENT PLANNING SEMINARS FOR ACADEMIC STAFF

The Office of the Vice-President (Academic) and Provost and the Association of Academic Staff of the University of Alberta (AAS:UA) invite members of the AAS:UA and their spouses to attend a two-day retirement planning seminar, facilitated by Rein Selles, president, Retirement/Life Challenge Ltd.

SEMINAR 1: PLANNING FOR PERSONAL FREEDOM

April 30 – May 1, 1999
8:30 a.m. – 4:30 p.m.

This seminar is in the format given in previous years. The workshop will provide participants with an opportunity to: identify and address any immediate issues with respect to retirement plans; develop a strategy for planning long-term goals; and provide specific information in the areas of lifestyle, financial and estate planning.

SEMINAR 2: CHARTING YOUR COURSE

May 7 – 8, 1999
8:30 a.m. – 4:30 p.m.

This seminar is designed for those under 45 years of age and introduces the concept of personal planning over the life span. The workshop will provide participants with an opportunity to: develop a short term personal plan; understand the role of pension and benefits during one's career; develop a long term financial plan; and review risks to financial security. Seminar 2 is subject to sufficient registration.

The seminars are free and will be held in the Map Room, Lister Hall. Coffee and lunches provided. Enrollment is limited and will be on a first-come, first-served basis. If you are interested in attending, please call Janice Forgues at 492-5321 or e-mail: or register on the AAS:UA homepage at: www.ualberta.ca/~aasua. Deadline for registration is March 31, 1999.

SPRING EXERCISE PROGRAM

If you are interested in starting a structured spring exercise program, this study is for you. We are looking for adults who are willing to participate in regular, prescribed exercise three times per week starting in late March.

A study called "Motivational and Physical Effects of two types of Exercise Programs" is being conducted. You will be given a fitness test (VO₂max) on an exercise bike at the beginning and end of the program. You will also be given a personal fitness program that will be completed at the Van Vliet Centre and monitored by the researchers. There will also be three sets of questionnaires asking about things related to exercise adherence. There is no charge and no reimbursement for participation.

If you are interested, please contact Dr. Wendy Rodgers, 492-2677 or Chris Blanchard or Phil Wilson at 492-7424. We need equal numbers of men and women. Participation is limited, callers will be added to research on a first-come, first-served basis.

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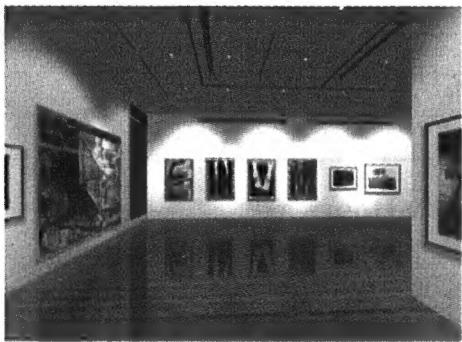
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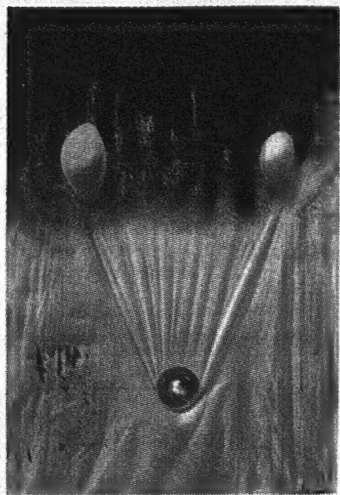
By Lucianna Ciccocioppo

Edmontonians got a sneak preview of the University of Alberta's unique printmakers' exhibit at London's Royal College of Arts' Gulbenkian Galleries – and no one boarded a plane to see it.

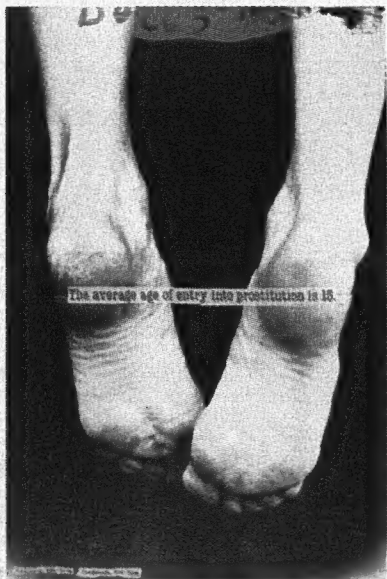
In fact, the only "flying" going on last week was a computer-generated fly-through of the exhibit, *Lines of Site: Ideas, Forms and Materialities*, in the U of A's computer-aided design laboratory.

An interactive computer program designed and developed by Keith Rose (MVA '94), an instructor in industrial design, was a digital curatorial tool that allowed the entire planning and staging of the show here in Edmonton.

"The technology is readily available anywhere. It's been manipulated to provide a new use for us," said Rose. Rose spent time last spring photographing the London gallery, documenting materials and lighting in order to recreate a virtual gallery on computer. It was a painstaking process setting up the program, said Rose, who had sup-



Walter Jule
Measurement of Void; a device to accelerate wear - 2
(Etching, lithograph, chine collé, 100 x 70 cm, 1996)



Marna Bunnell
The Average Age of Entry into Prostitution is 15
(Offset lithograph, screenprint, 150 x 99 cm, 1996)

Virtual Lines of Site



Lines of Site as it will appear in London.

port from Academic Technologies for Learning, but it was a time-saver on the curatorial side.

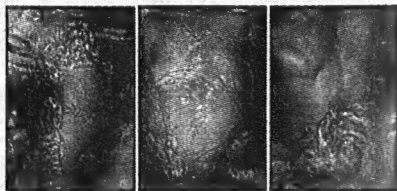
"If you didn't have this technology, you'd make your best guess and take extra art pieces abroad with you. However, certain things may not feel or look right, and you'd have to make adjustments on the fly," explained Rose.

Not in this case.

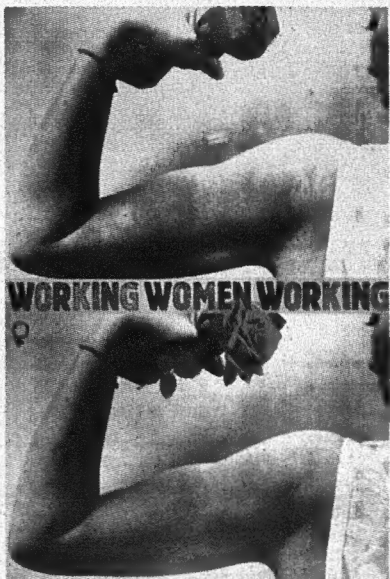
Lines of Site is all ready to go. Click on the lower floor and see works such as *Navel* by Steve Bowie. On the second floor, there's *Just Another Prostitute* by Marna Bunnell. Move the mouse left or right and the viewer can peer down the corridor, around walls and across the rooms. Works by faculty, technical staff and graduates, and works varying in scale, medium and concept come alive in this virtual art world as they will appear in the UK gallery.

The show will also head to Tokyo and exhibit at the Musashino Art University Galleries next.

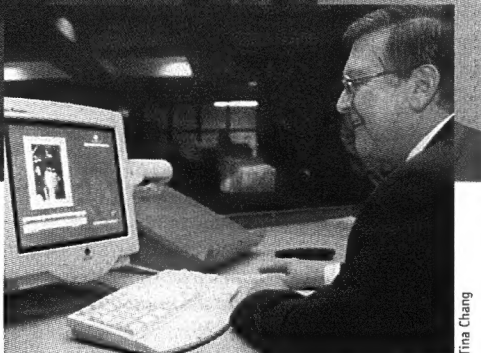
"To receive an invitation, as we have done, to exhibit at these institutions is extraordinary," said Dr. Desmond Rochfort, chair of art and design, and exhibit curator. "They do not allow exhibits in these galleries of just anything." Rochfort describes the galleries as two of the world's most significant and renowned.



Liz Ingram, Corporeal Cycle
(Photogravure, 25 x 52 cm, 1996)



Marna Bunnell, Working Women Working
(Offset lithograph, screenprint, 152.5 x 101.5 cm, 1994)



Board of Governors Chair Eric Newell takes in the virtual art exhibit.

Ninety-eight works created by 30 artists, including internationally celebrated Liz Ingram, Walter Jule and Lyndal Osborne, make up the retrospective exhibition, which spans more than 25 years of printmaking in the U of A's Department of Art and Design. The concept for the exhibi-

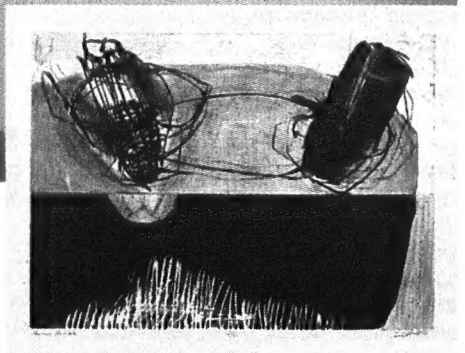
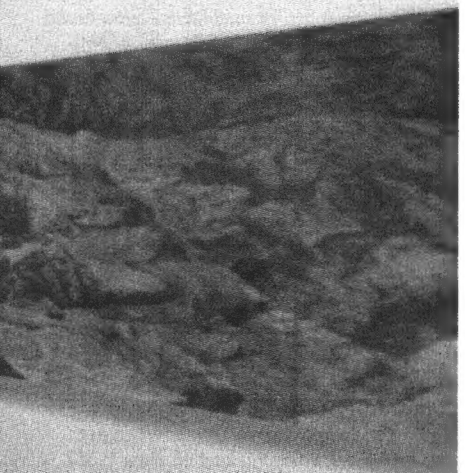
tion arose from a symposium held two years ago at the University of Alberta, called *Sightlines: Printmaking and Image Culture*, which drew more than 300 artists, writers, curators, and critics from 18 countries.

People were struck by the remarkably diverse nature of contemporary printmaking from around the globe. Moreover, the event sparked excitement about creating a special exhibition highlighting the works of artists associated with the U of A.

Now, U of A can boast of not only prestigious invitations for its distinguished collection, but also of high-tech digital curatorial tools to help future curators, and students, with exhibition planning and design.

The real flying will be handled by Canadian Airlines and Canadian Cargo, which donated transport services for the artwork, as well as complimentary tickets for the exhibition team.

The company is known for handling precious cargo, said Barry Rempel, vice-president of Canadian Cargo. "We do an awful lot [of shipping] into Canada," he says, adding it's time to help the country's artwork go abroad. "It was the right fit: the



Arthur Zajdler, Box Kite
(Drypoint, relief, 105 x 132.5 cm, 1995)

right customer, the right audience and the right market—London," said Rempel.

For people short of time, cash or travel points to head over to the land of tea and crumpets, a beautiful catalogue of *Lines of Site*, donated by Quality Color Press, is available through University of Alberta Press.

Or call the Department of Art and Design, pull up in front of a computer and fly-through *Lines of Site* yourself. ■

LINES OF SITE:
March 26 – April 9
Gulbenkian Galleries, Royal College of Art
London, England
May 17 – June 21
Musashino Art University Galleries
Tokyo, Japan

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Dr. Desmond Rochfort,
Chair, Department of Art and Design
University of Alberta with
Ryoji Ikeda
Professor of printmaking at
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